

Quick Setup Guide

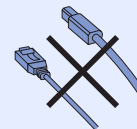
Start Here

CE (EU only)
HL-3070CW

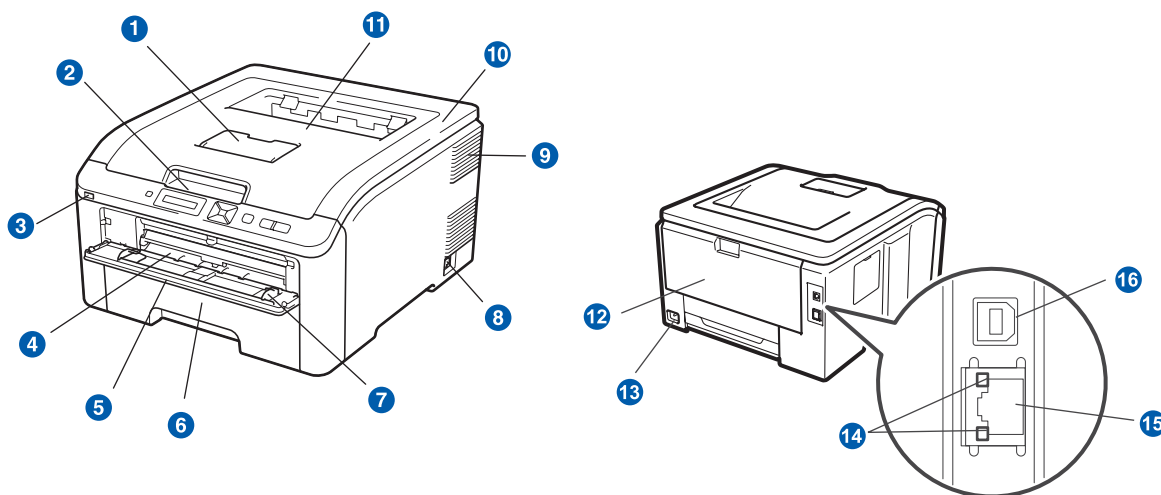
Before you can use the printer, read this Quick Setup Guide for the correct setup and installation.
To view the Quick Setup Guide in other languages, please visit <http://solutions.brother.com/>.

! IMPORTANT


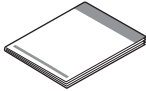
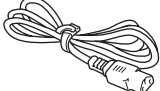
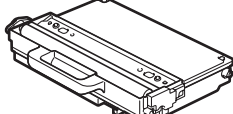
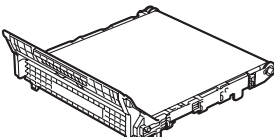
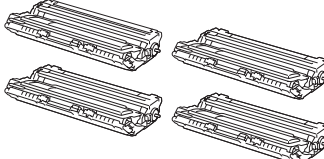
DO NOT connect the interface cable yet.



1 Unpack the printer and check the components

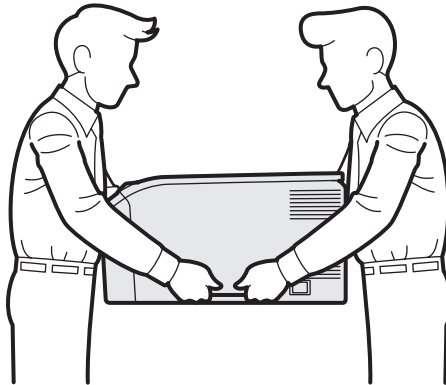


- | | |
|---|---|
| ① Face-down Output Tray Support Flap (Support Flap) | ⑨ Ventilation Hole |
| ② Control Panel | ⑩ Top Cover |
| ③ USB Direct Interface | ⑪ Face-down Output Tray |
| ④ Manual Feed Slot | ⑫ Back Cover (Back Output Tray) |
| ⑤ Manual Feed Slot Cover | ⑬ AC Power Connector |
| ⑥ Paper Tray | ⑭ Network Status LEDs (Light Emitting Diodes) |
| ⑦ Manual Feed Paper Guide | ⑮ 10/100BASE-TX (Ethernet) port |
| ⑧ Power Switch | ⑯ USB Interface Connector |

 <p>CD-ROM (including User's Guide and Network User's Guide)</p>	 <p>Quick Setup Guide</p>	 <p>AC Power Cord</p>
 <p>Waste Toner Box (pre-installed)</p>	 <p>Belt Unit (pre-installed)</p>	 <p>Drum Unit and Toner Cartridge Assemblies (Black, Cyan, Magenta and Yellow)</p>

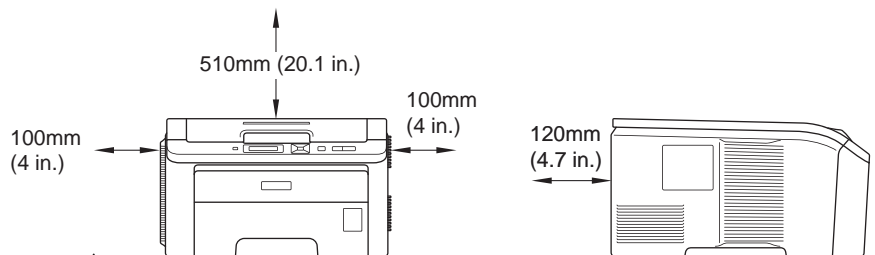
WARNING

- Plastic bags are used in the packaging of your printer. To avoid danger of suffocation, please keep these bags away from babies and children.
- This printer is heavy and weighs approximately 41.9 lb. (19.0 kg). To prevent injuries use at least two people to lift the printer. Be careful not to pinch your fingers when you put the printer back down.



Note

Keep a minimum gap around the printer as shown in the illustration.



Note

The interface cable is not a standard accessory. Buy the appropriate interface cable for the interface you want to use (USB or Network).








USB cable

- Please make sure you use a USB 2.0 (Type A/B) interface cable that is no longer than 6 feet (2 meters).
- When you use a USB cable, make sure you connect it to the USB port of your computer and not to a USB port on a keyboard or non-powered USB hub.

Network cable

Use a straight-through Category5 (or greater) twisted-pair cable for 10BASE-T or 100BASE-TX Fast Ethernet Network.

Symbols used in this guide

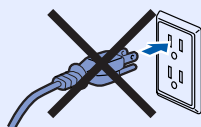
 WARNING	WARNINGS tell you what to do to prevent possible personal injury.
 CAUTION	CAUTIONS specify procedures you must follow or avoid to prevent possible minor injuries.
 IMPORTANT	IMPORTANT specify procedures you must follow or avoid to prevent possible damage to the printer or other objects.
	Electrical Hazard icons alert you to a possible electrical shock.
	Hot Surface icons warn you not to touch printer parts that are hot.
 Note	Notes tell you how you should respond to a situation that may arise or give tips about how the current operation works with other features.
 User's Guide Network User's Guide	Indicates reference to the User's Guide or Network User's Guide which is on the CD-ROM we have supplied.

2

Remove the packing material from the printer

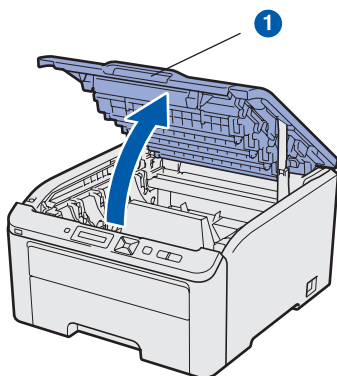
! IMPORTANT

- Save all packing material and the carton in case you have to ship your printer.
- DO NOT plug in the AC power cord yet.

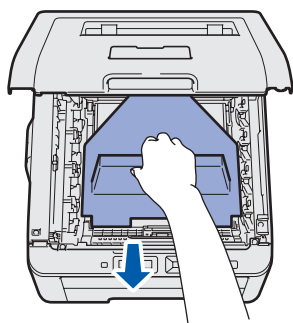


- a** Remove the packing tape from the outside of the printer.

- b** Fully open the top cover by lifting up on the handle ①.



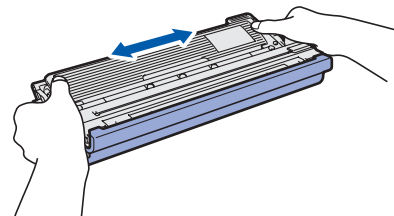
- c** Remove the packing material from the inside of the printer.



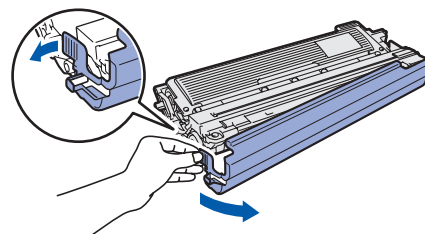
3

Install the drum unit and toner cartridge assemblies

- a** Unpack the four drum unit and toner cartridge assemblies and gently shake each of them from side to side several times to distribute the toner evenly inside the assembly.

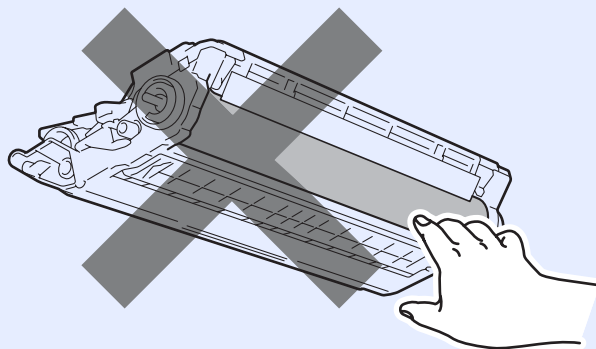


- b** Remove the protective cover by pulling on the tab as shown in the illustration.

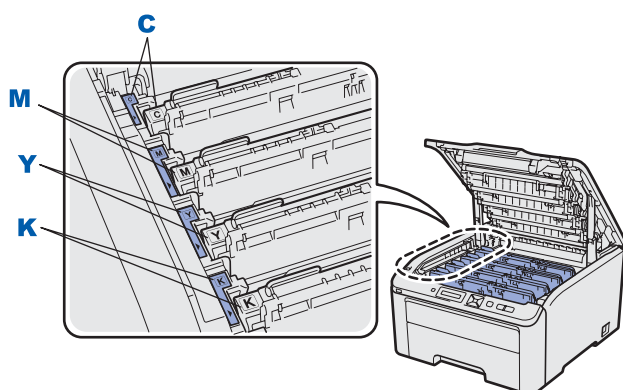
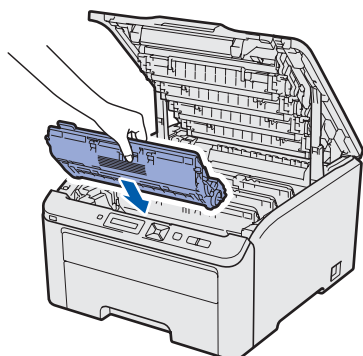


! IMPORTANT

To avoid print quality problems, DO NOT touch the surface of the drum unit.



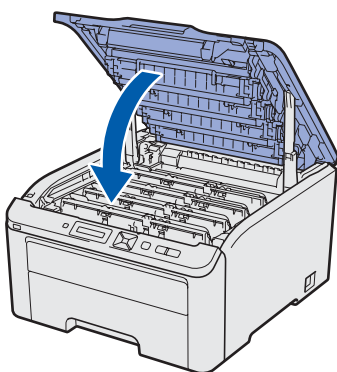
- c** Slide all four of the drum unit and toner cartridge assemblies into the printer as shown in the illustration. Make sure that you match the toner cartridge color to the same color label on the printer.



C - Cyan
M - Magenta

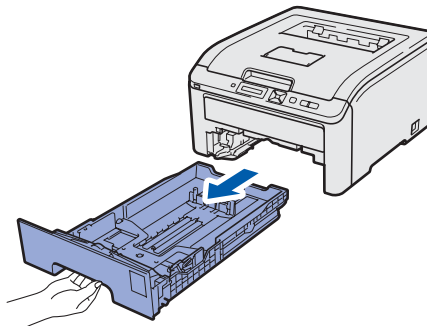
Y - Yellow
K - Black

- d** Close the top cover of the printer.

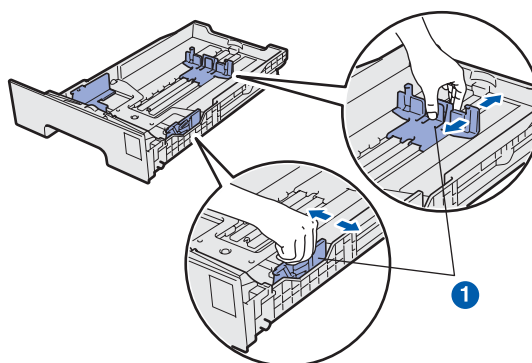


4 Load paper in the paper tray

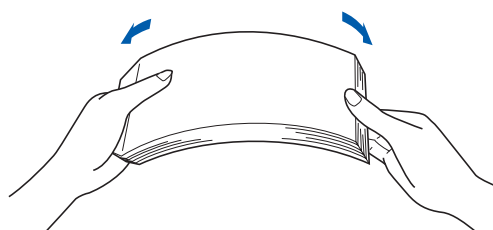
- a** Pull the paper tray completely out of the printer.



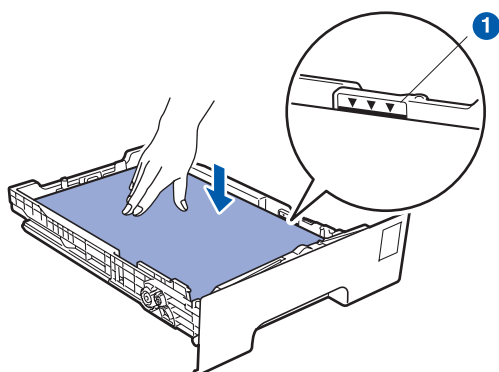
- b** While pressing the green paper-guide release lever ①, slide the paper guides to fit the paper size you are loading in the tray. Make sure that the guides are firmly in the slots.



- c** Fan the stack of paper well to avoid paper jams and misfeeds.



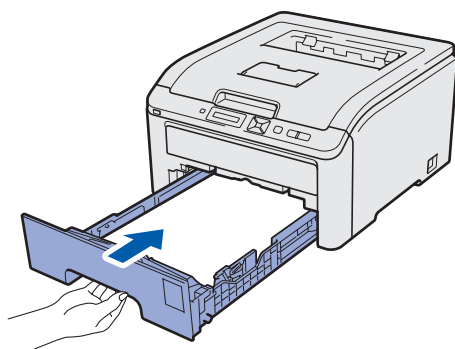
- d** Put paper in the tray, and make sure that the paper is below the maximum paper mark ①. The side to be printed on must be face down.



! IMPORTANT

Make sure the paper guides touch the sides of the paper so it will feed properly.

- e** Put the paper tray firmly back in the printer. Make sure that it is completely inserted into the printer.

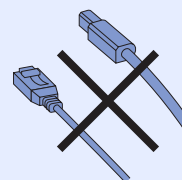


5

Print a test page

! IMPORTANT

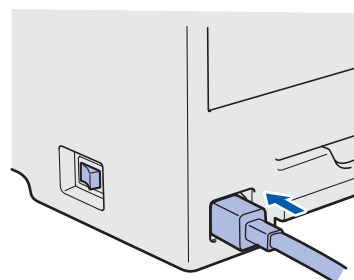
DO NOT connect the interface cable yet.



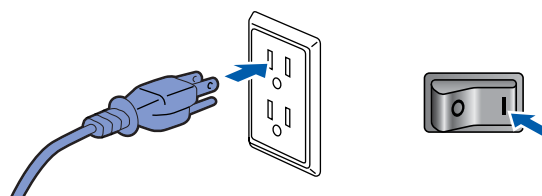
- a** Make sure that the printer power switch is off.



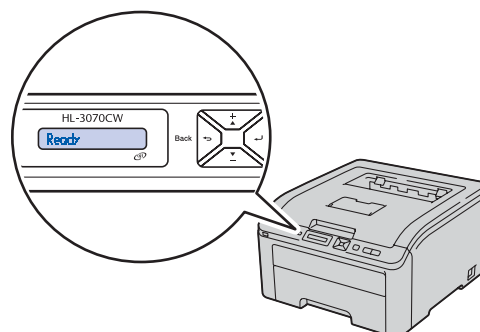
- b** Connect the AC power cord to the printer.



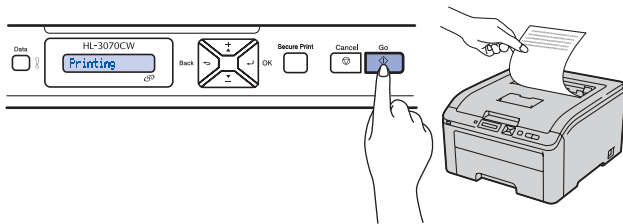
- c** Plug the AC power cord into an AC power outlet. Turn on the printer power switch.



- d** After the printer has finished warming up, the LCD will show *Ready*.



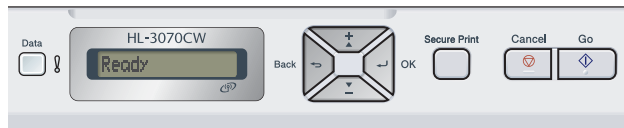
- e** Press **Go**. The printer prints a test page. Check that the test page has printed correctly.



Note

This function will not be available after the first print job you send from your computer.

6 Set your language on the control panel



- a** Press **+** or **-** to choose **General Setup**. Press **OK**.

General Setup

- b** Press **OK** again.

Local Language

- c** Press **+** or **-** to choose your language. Press **OK** to accept.

English

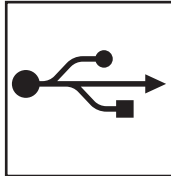
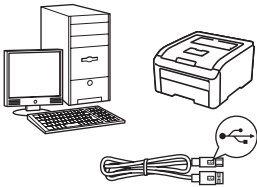
- d** Press **Cancel** to exit from Menu.

Now go to

Go to the next page to install the printer driver.

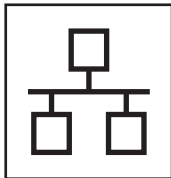
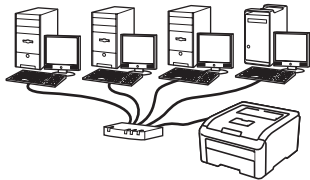
7

Choose your connection type



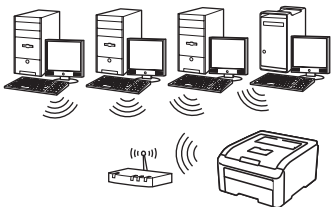
For USB interface cable

Windows[®], go to page 10
Macintosh, go to page 13



For Wired Network

Windows[®], go to page 15
Macintosh, go to page 20



For Wireless Network

Windows[®] and Macintosh,
go to page 23

USB	Windows [®]
	Macintosh
Wired Network	Windows [®]
	Macintosh
Wireless Network	Windows [®]
	Macintosh



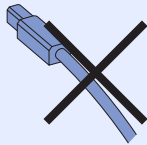
For USB Interface Cable Users

8

Install the printer driver and connect the printer to your computer

! IMPORTANT

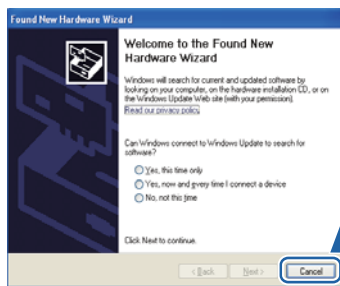
- **DO NOT** connect the USB interface cable yet.



- Make sure there are no USB Flash memory drive inserted.

Note

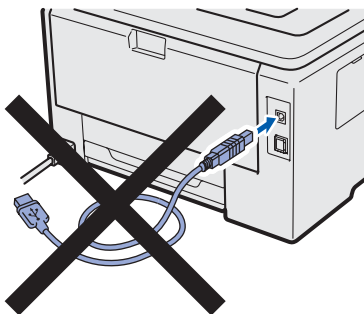
If the **Found New Hardware Wizard** appears on your computer, click **Cancel**.



- a** Turn off the printer power switch.

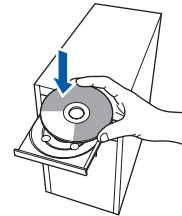


- b** Make sure the USB interface cable is **NOT** connected to the printer, and then begin installing the printer driver. If you have already connected the cable, remove it.



- c** Turn on your computer. (You must be logged on with Administrator rights.)

- d** Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically.
Choose your printer model and the language.



Note

If the **Brother** screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- e** Click **Install Printer Driver** on the menu screen.

Note

Choose the **Install Printer Driver** icon for your region.

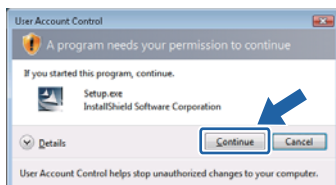


- f** Click **USB cable users**.



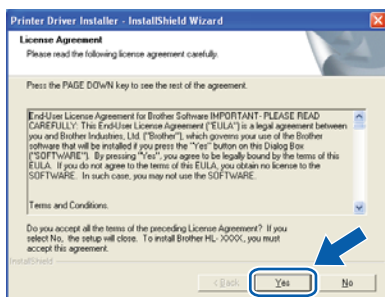
**Note**

- For Windows Vista®, when the **User Account Control** screen appears, click **Continue**.

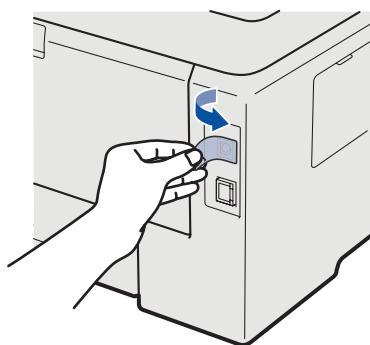


- If you want to install the PS driver (Brother's BR-Script Driver), choose **Custom Setup** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.


- g** When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.

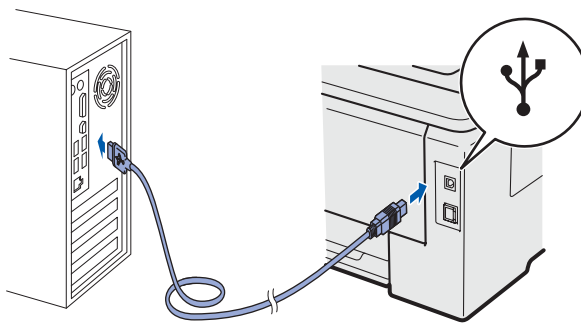
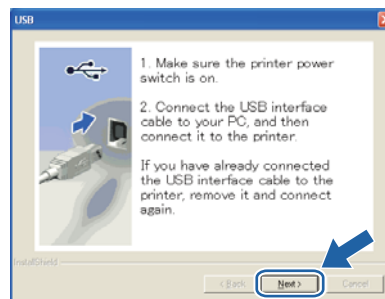


- h** Remove the label covering the USB interface connector.



When this screen appears, make sure the printer power switch is on.

Connect the USB cable to the USB connector marked with the  symbol, and then connect the cable to the computer. Click **Next**.

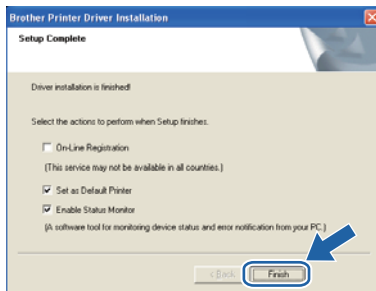




j Click **Finish**.

**Note**

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck **Set as Default Printer**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.

**Finish**

The installation is now complete.

**Note****XML Paper Specification Printer Driver**

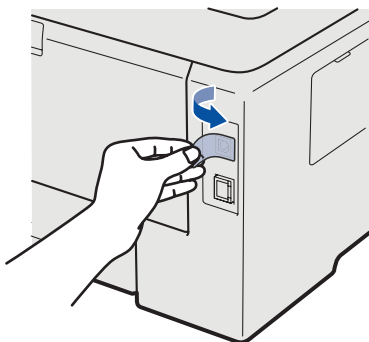
The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.




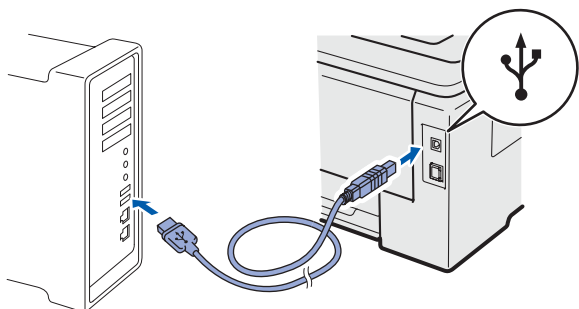
For USB Interface Cable Users

8 Connect the printer to your Macintosh and install the driver

- a** Remove the label covering the USB interface connector.



- b** Connect the USB cable to the USB connector marked with a  symbol, and then connect the cable to your Macintosh.



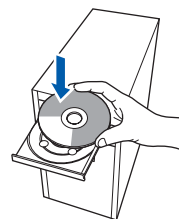
! IMPORTANT

- Make sure there are no USB Flash memory drive inserted.
- DO NOT connect the printer to a USB port on a keyboard or a non-powered USB hub.
- Connect the printer directly to your computer.

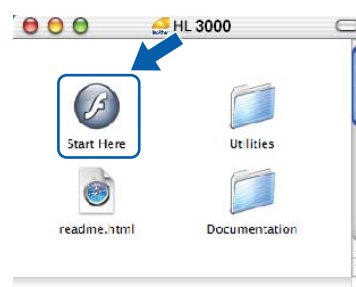
- c** Make sure the printer power switch is on.



- d** Turn on your Macintosh. Put the supplied CD-ROM into your CD-ROM drive.



- e** Double-click the **HL3000** icon on your desktop. Double-click the **Start Here** icon. Follow the on-screen instructions.



- f** Click **Install Printer Driver** on the menu screen.



- g** Click **USB cable users** and follow the on-screen instructions. Then, restart your Macintosh.

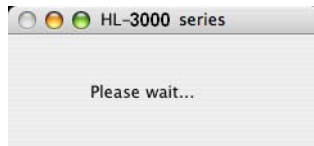


Note

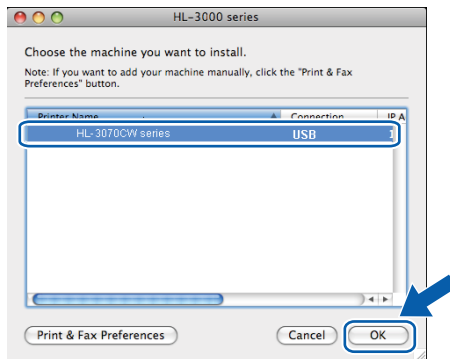
Please see the User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).



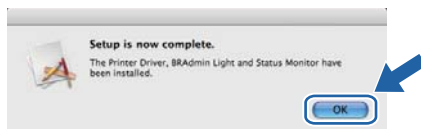
- h** The Brother software will search for the Brother printer. During this time the following screen will appear.



- i** Choose the printer you wish to connect, and then click **OK**.

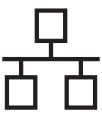


- j** When this screen appears, click **OK**.



Finish

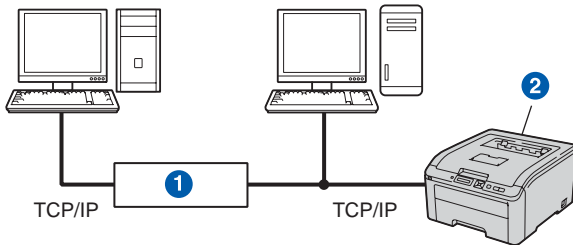
The installation is now complete.



For Wired Network Interface Cable Users

8

For Peer-to-Peer network printer users



- ① Router
- ② Network printer


Note

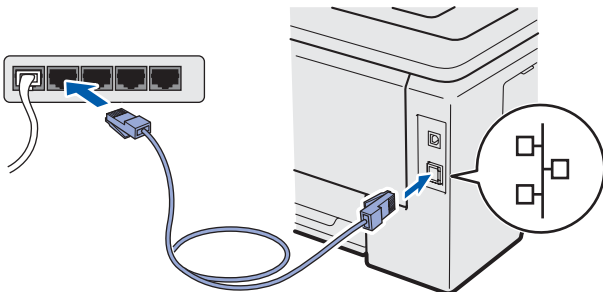
- If you are going to connect the printer to your network, we recommend that you contact your system administrator prior to installation or see the Network User's Guide on the CD-ROM.
- If you are using Windows® Firewall or a firewall function of anti-spyware or antivirus applications, temporarily disable them. Once you are sure that you can print, configure the software settings following the instructions.

Connect the printer to your network and install the driver

! IMPORTANT

Make sure there are no USB Flash memory drive inserted.

- a** Connect the network interface cable to the LAN connector marked with a  symbol and then connect it to a free port on your hub.

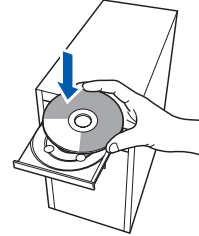


- b** Make sure the printer power switch is on.



- c** Turn on your computer. (You must be logged on with Administrator rights.)

- d** Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically. Choose your printer model and the language.



Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- e** Click **Install Printer Driver** on the menu screen.

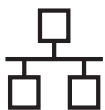
Note

Choose the **Install Printer Driver** icon for your region.



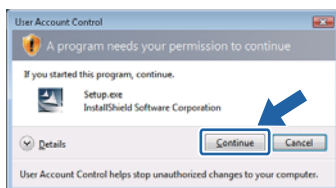
- f** Click **Network cable users**.





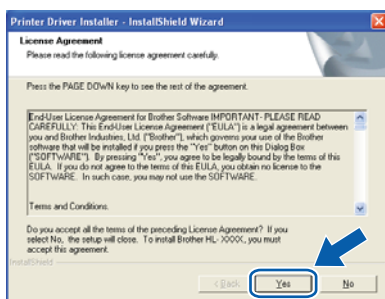
Note

- For Windows Vista®, when the **User Account Control** screen appears, click **Continue**.

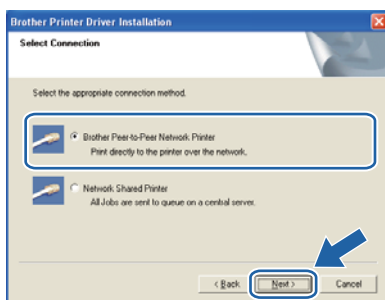


- If you want to install the PS driver (Brother's BR-Script Driver), choose **Custom Setup** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.

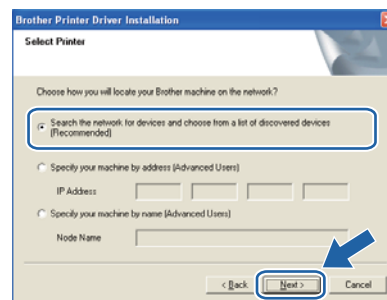
- g** When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



- h** Choose **Brother Peer-to-Peer Network Printer**, and then click **Next**.



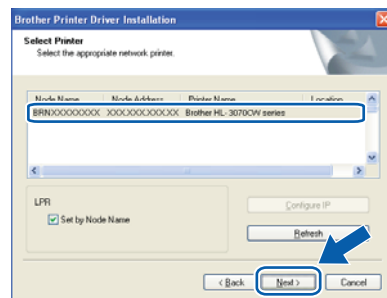
- i** Choose **Search the network for devices and choose from a list of discovered devices (Recommended)**. Or enter your printer's IP Address or its node name. Click **Next**.



Note

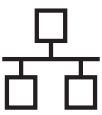
You can find your printer's IP Address and the node name by printing out the **Printer Settings Page**. See **Print the Printer Settings Page** on page 44.

- j** Choose your printer, and then click **Next**.



Note

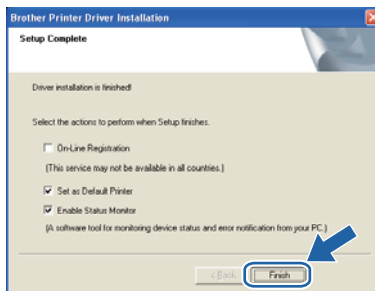
If your printer takes a long time (about 1 minute) to appear on the list, click **Refresh**.



k Click **Finish**.

Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck **Set as Default Printer**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.
- If you disable your Personal Firewall software (e.g. Windows® Firewall), turn it back on.



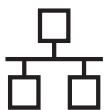
Finish

The installation is now complete.

Note

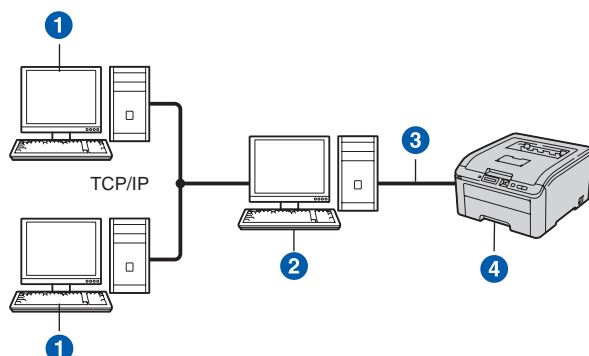
XML Paper Specification Printer Driver

The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.



8

For shared network printer users



- 1 Client computer
- 2 Also known as "Server" or "Print server"
- 3 TCP/IP or USB
- 4 Printer

Note

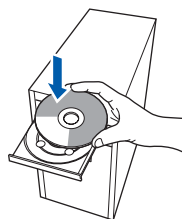
If you are going to connect to a shared printer on your network, we recommend that you ask your system administrator about the queue or share name for the printer prior to installation.

Install the driver and choose the correct printer queue or share name

! IMPORTANT

Make sure there are no USB Flash memory drive inserted.

- a Turn on your computer. (You must be logged on with Administrator rights.)
- b Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically. Choose your printer model and the language.



Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- c Click **Install Printer Driver** on the menu screen.



Note

Choose the **Install Printer Driver** icon for your region.

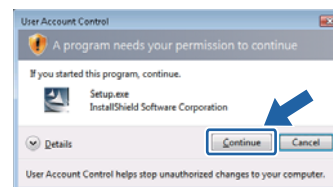


- d Click **Network cable users**.

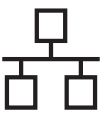


Note

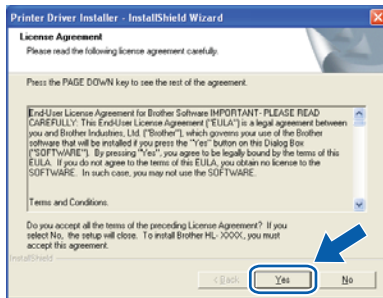
- For Windows Vista®, when the **User Account Control** screen appears, click **Continue**.



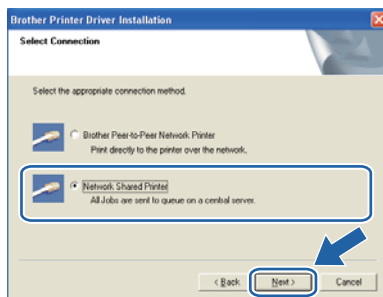
- If you want to install the PS driver (Brother's BR-Script Driver), choose **Custom Setup** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.



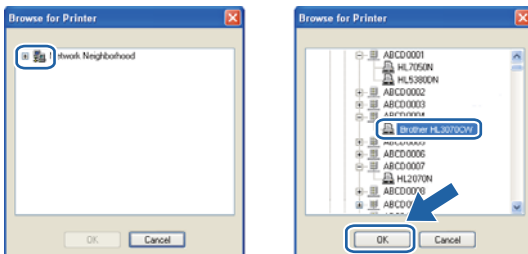
- e** When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



- f** Choose **Network Shared Printer**, and then click **Next**.



- g** Choose your printer's queue, and then click **OK**.



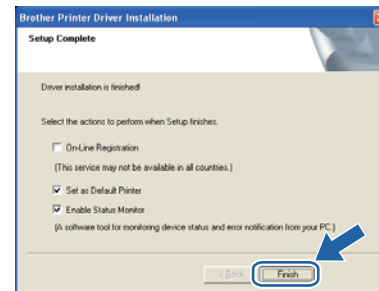
Note
Contact your administrator if you do not know the location or the name of the printer in the network.

- h** Click **Finish**.



Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck **Set as Default Printer**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.



Finish

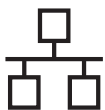
The installation is now complete.



Note

XML Paper Specification Printer Driver

The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.




For Wired Network Interface Cable Users

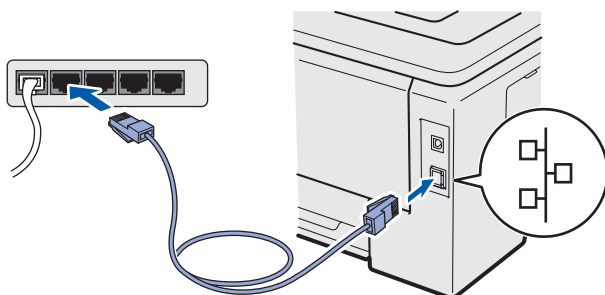
8

Connect the printer to your Macintosh and install the driver

! IMPORTANT

Make sure there are no USB Flash memory drive inserted.

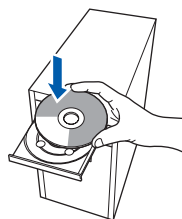
- a** Connect the network interface cable to the LAN connector marked with a  symbol and then connect it to a free port on your hub.



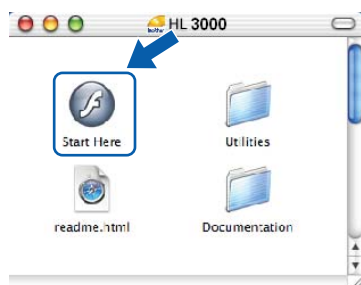
- b** Make sure the printer power switch is on.



- c** Turn on your Macintosh. Put the supplied CD-ROM into your CD-ROM drive.



- d** Double-click the **HL3000** icon on your desktop. Double-click the **Start Here** icon. Follow the on-screen instructions.



- e** Click **Install Printer Driver** on the menu screen.



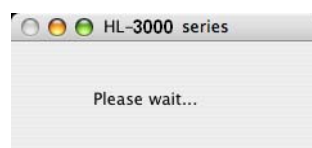
- f** Click **Network cable users** and follow the on-screen instructions. Then, restart your Macintosh.



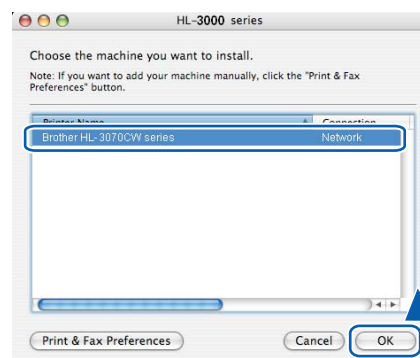
Note

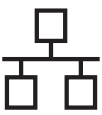
Please see the User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).

- g** The Brother software will search for the Brother printer. During this time the following screen will appear.



- h** Choose the printer you wish to connect, and then click **OK**.

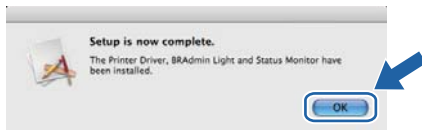




Note

- If there is more than one of the same printer model connected on your network, the MAC Address (Ethernet Address) will be displayed after the model name. You can also confirm your IP Address by scrolling to the right.
- You can find your printer's MAC Address (Ethernet Address) and the IP Address by printing out the Printer Settings Page. See Print the Printer Settings Page on page 44.

i When this screen appears, click **OK**.



Finish

The installation is now complete.



For Wireless Network Interface Users

8

Before you begin

First you **must** configure the wireless network settings of your printer to communicate with your network access point/router. After the printer is configured to communicate with your access point/router computers on your network will have access to the printer. To use the printer from these computers, you will need to install the printer driver. The following steps will guide you through the configuration and installation process.

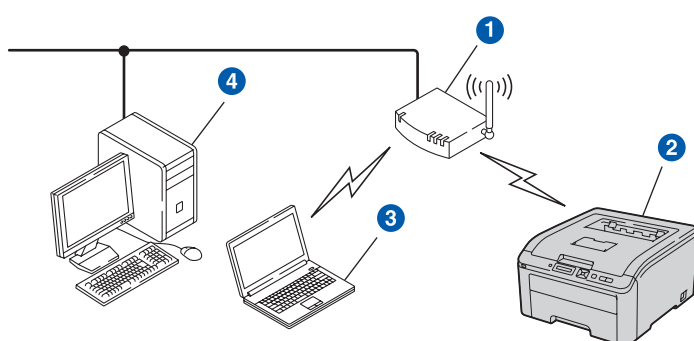
Note

- To achieve optimum results with normal everyday document printing, place the Brother printer as close to the network access point/router as possible with minimal obstructions. Large objects and walls between the two devices as well as interference from other electronic devices can affect the data transfer speed of your documents.
- Due to these factors, wireless may not be the best method of connection for all types of documents and applications. If you are printing large files, such as multi-page documents with mixed text and large graphics, you may want to consider choosing wired Ethernet for a faster data transfer or USB for the fastest throughput speed.
- Although the Brother HL-3070CW can be used in a both wired and wireless network, only one of the connection methods can be used at a time.
- The following instructions are for infrastructure mode.
To set up your printer in any other wireless environment you can find instructions in the Network User's Guide on the CD-ROM.
You can view the Network User's Guide by following the instructions below.
 - 1 Turn on your computer. Insert the Brother CD-ROM into your CD-ROM drive.
 - 2 (Macintosh user only) Double-click the **HL3000** icon on your desktop. Double-click the **Start Here** icon.
 - 3 Choose your printer model and the language. The CD-ROM main menu will appear.
 - 4 Click the **Documentation**, and then click **HTML documents**.

! IMPORTANT

- If you are going to connect the printer to your network, we recommend that you contact your system administrator prior to installation. You must know your wireless network settings before you proceed with this installation.
- If you are using Windows® Firewall or a firewall function of anti-spyware or antivirus applications, temporarily disable them. Once you are sure that you can print, configure the software settings following the instructions.
- If you have previously configured the wireless settings of the printer, you must reset the print server back to its factory default settings (see page 44).
- Make sure there are no USB Flash memory drive inserted.

Infrastructure Mode



- 1 Access Point
- 2 Wireless Network machine (your printer)
- 3 Wireless capable computer connected to the access point
- 4 Wired computer which is not wireless capable connected to the access point with an Ethernet cable



9

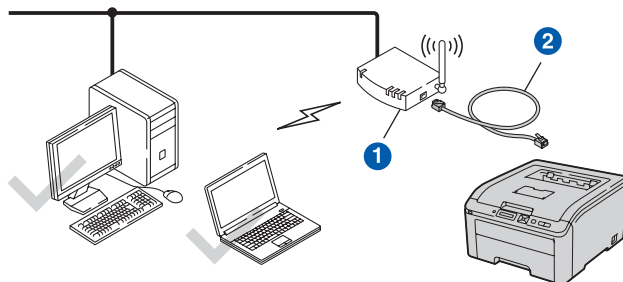
Confirm your network environment (Infrastructure Mode)

Choose a configuration method and proceed to the page indicated.

Configuration using the Brother automatic installer application on the CD-ROM (Recommended)

■ Configuration temporarily using a network cable

You need to temporarily use an Ethernet cable when you configure your Brother printer with this method. The Ethernet cable is not a standard accessory.



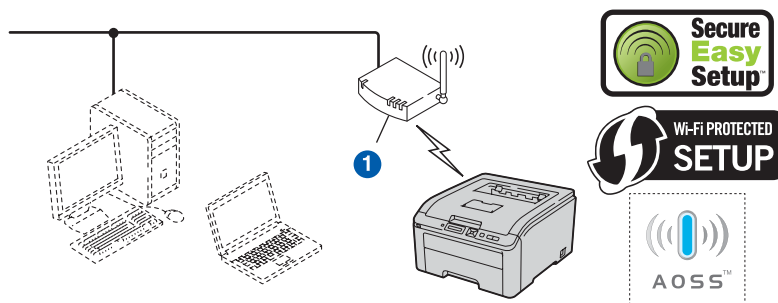
If there is an Ethernet Hub or Router in the same network as the wireless access point ① of your printer, you can temporarily connect the Hub or Router to the printer using an Ethernet cable ②, this is an easy way to configure the printer. You can then remotely configure the printer from a computer on the network.

Now go to

For Windows® Users go to page 24

For Macintosh Users go to page 34

Configuration using the SES/WPS/AOSS from the control panel menu to configure your printer for a wireless network



If your wireless access point ① supports either SecureEasySetup™, Wi-Fi Protected Setup (WPS ①) or AOSS™, you do not need to use a computer to configure the wireless settings. The access point/router and your printer can automatically negotiate using the SecureEasySetup™, Wi-Fi Protected Setup or AOSS™ procedure.

¹ Push Button Configuration

Configuration using the PIN Method of Wi-Fi Protected Setup

If your wireless access point ① supports Wi-Fi Protected Setup, you can also configure using the PIN Method of Wi-Fi Protected Setup. For instructions, see *Chapter 7* in the *Network User's Guide* on the CD-ROM.

Now go to

For Windows® Users go to page 30

For Macintosh Users go to page 39



Configuration in Infrastructure mode, using a network cable temporarily

10 Configure the wireless settings

You must know your wireless network settings before you proceed with this installation. Make sure you take notes on all the current settings such as SSID, authentication and encryption of your wireless network environment. If you do not know them, contact your network administrator or the manufacturer of your access point/router.

Item	Example	Record the current wireless network settings
Communication mode: (Infrastructure)	Infrastructure	
Network name: (SSID, ESSID)	HELLO	
Authentication method: (Open System, Shared key, WPA-PSK ¹ , WPA2-PSK ¹ , LEAP, EAP-FAST)	WPA2-PSK	
Encryption mode: (None, WEP, TKIP, AES, CKIP)	AES	
Network key: (Encryption key, WEP key ² , Passphrase)	12345678	

¹ WPA/WPA2-PSK is a Wi-Fi Protected Access Pre-Shared Key, which lets the Brother wireless machine associate with access points using TKIP or AES encryption (WPA-Personal). WPA-PSK (TKIP or AES) and WPA2-PSK (AES) use a Pre-Shared Key (PSK) that is 8 or more characters in length, up to a maximum of 63 characters.

² The WEP key is for 64-bit encrypted networks or 128-bit encrypted networks and can contain both numbers and letters. If you do not know this information you should see the documentation provided with your access point or wireless router. This key is a 64-bit or 128-bit value that must be entered in an ASCII or HEXADECIMAL format.

For example:

64-bit ASCII:	Uses 5 text characters e.g. "Hello" (this is case sensitive)
64-bit Hexadecimal:	Uses 10 digits of hexadecimal data e.g. "71f2234aba"
128-bit ASCII:	Uses 13 text characters e.g. "Wirelesscomms" (this is case sensitive)
128-bit Hexadecimal:	Uses 26 digits of hexadecimal data e.g. "71f2234ab56cd709e5412aa3ba"

! IMPORTANT

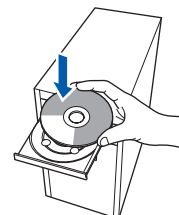
You need to temporarily use an Ethernet cable during configuration. (cable not included)

- a** Make sure the printer power switch is on.



- b** Turn on your computer. (You must be logged on with Administrator rights.)

- c** Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically.
Choose your printer model and the language.



Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.



- d** Click **Install Printer Driver** on the menu screen.



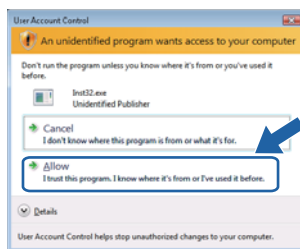
Choose the **Install Printer Driver** icon for your region.



- e** Click **Wireless Network users**.



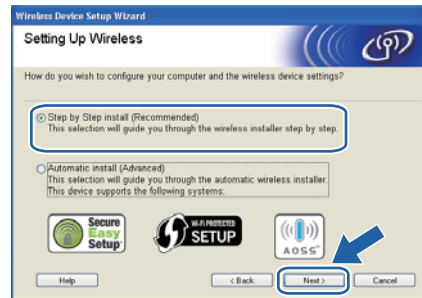
For Windows Vista®, when the **User Account Control** screen appears, click **Allow**.



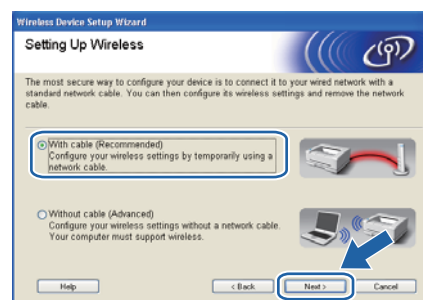
- f** Choose **Wireless Setup and Driver Install (Recommended)**, and then click **Next**.



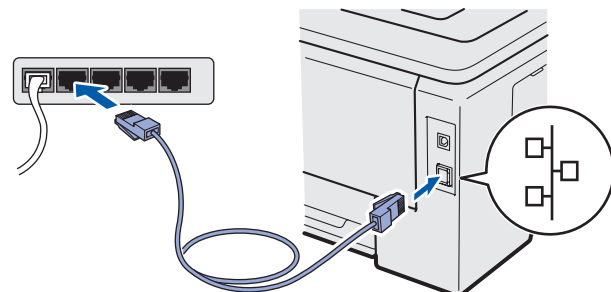
- g** Choose **Step by Step install (Recommended)** and then click **Next**.



- h** Choose **With cable (Recommended)** and then click **Next**.



- i** Connect your Brother wireless device (your printer) to your access point using a network cable and then click **Next**.





- j** Choose the printer you wish to configure, and click **Next**. If the list is blank, check if the access point and the printer are powered on, and then click **Refresh**.

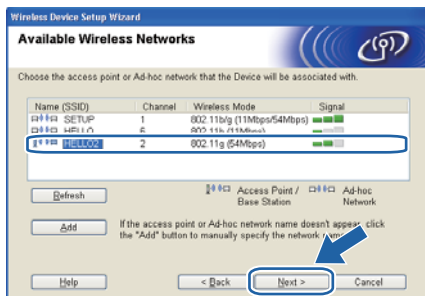


Note

- The default Node name is "BRNxxxxxxxxxxx".
- You can find your printer's MAC Address (Ethernet Address) and the IP Address by printing out the Printer Settings Page. See Print the Printer Settings Page on page 44.

k

The wizard will search for wireless networks available from your printer. Choose the access point you wish to associate the printer with (The SSID you wrote down on page 24), and then click **Next**.



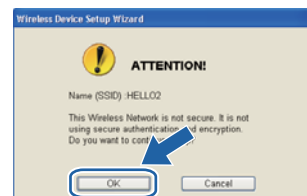
Note

- **SETUP** is the default SSID of the printer. Do not choose this SSID.
- If the list is blank, check that the access point has power and is broadcasting the SSID, and then see if the printer and the access point are within range for wireless communication. Then, click **Refresh**.
- If your access point is set to not broadcast the SSID you can manually add it by clicking the **Add** button. Follow the on-screen instructions for entering the **Name (SSID)**, and then click **Next**.



l

If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click **OK** and go to **n**.



m

If your network is configured for Authentication and Encryption, the following screen will appear. **When configuring your Brother wireless printer, you must configure your printer to match the Authentication and Encryption settings you wrote down on page 24 for your existing wireless network.** Choose the **Authentication Method** and **Encryption Mode** from the pull-downs in each setting box. Then enter the **Network key** and **Confirm Network Key**, and then click **Next**.

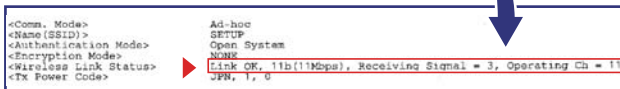
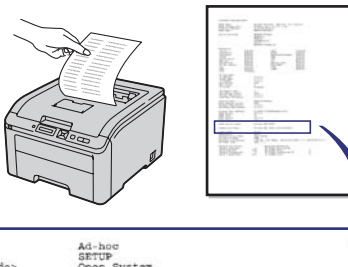
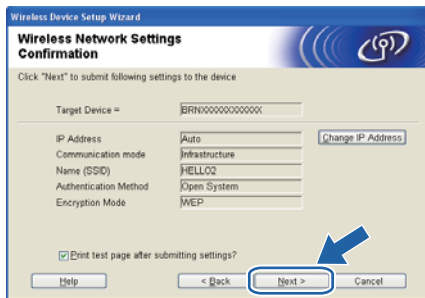




Note

- If you want to setup or configure additional WEP key indexes other than WEP key1, click **Advanced**.
- If you do not know the Authentication or Encryption settings for your network, contact your network administrator or the manufacture of your access point/router.
- If you are using WEP and the printed Network Configuration page in **n** shows **Link OK** in the **Wireless Link Status**, but the printer is not found on your network, make sure you entered the WEP key correctly. The WEP key is case sensitive.

n Click **Next**. The settings will be sent to your printer. The settings will remain unchanged if you click **Cancel**. The Network Configuration page will be printed.

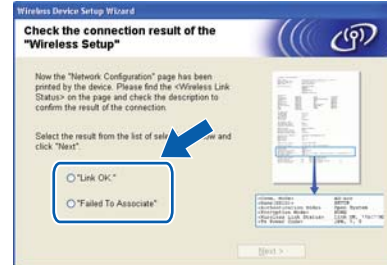


Note

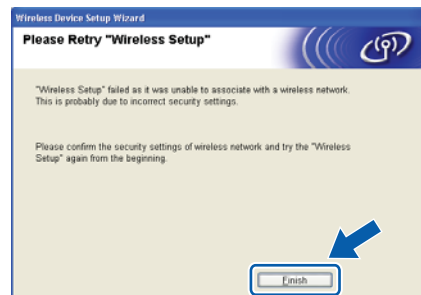
- If you want to manually enter the IP Address settings of your printer, click **Change IP Address** and enter the necessary IP Address settings for your network.
- The control panel settings will be automatically changed to **WLAN Enable** when the wireless settings are sent to your printer.



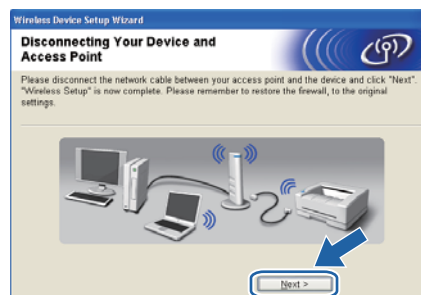
Check the printed Network Configuration page. Choose the status as it is shown for the **Wireless Link Status** on the Network Configuration page. Click **Next**. If your status is **Link OK**, go to **q**. If your status is **Failed to Associate**, go to **p**.



Click **Finish**. Wireless setup was unable to associate with a wireless network. This is probably due to incorrect security settings. Reset the print server back to its factory default settings (see page 44). Confirm the security settings of your wireless network that you wrote down on page 24 and try starting from **d** on page 25 again.



Disconnect the network cable between your access point (hub or router) and the printer, and click **Next**.

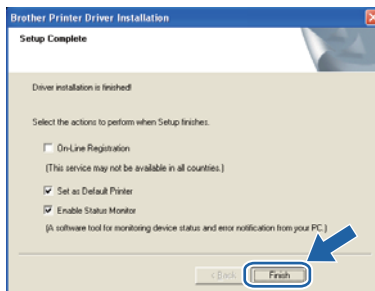




V Click **Finish**.

Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck **Set as Default Printer**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.
- If you disabled your Personal Firewall software (e.g. Windows® Firewall), turn it back on.



Finish

The installation is now complete.

Note

XML Paper Specification Printer Driver

The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.



Configuration in the Infrastructure mode using SES/WPS or AOSS from the control panel menu

10 Configure the wireless settings

If your wireless access point/router supports either SecureEasySetup™, Wi-Fi Protected Setup (PBC¹) or AOSS™, you can configure the printer easily without knowing your wireless network settings. Your printer has the SES/WPS/AOSS menu on the control panel. This feature automatically detects which mode your access point uses, SecureEasySetup™, Wi-Fi Protected Setup or AOSS™. By pushing a button on the wireless access point/router, you can setup the wireless network and security settings. See the user's guide for your wireless access point/router for instructions on how to access one-push mode.

¹ Push Button Configuration

Note

Access points or routers that support SecureEasySetup™, Wi-Fi Protected Setup or AOSS™ have the symbols shown below.



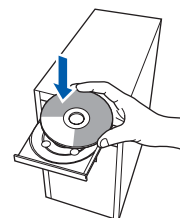
- a** Make sure the printer power switch is on.



- b** Turn on your computer. (You must be logged on with Administrator rights.)

- c** Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically.

Choose your printer model and the language.



Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- d** Click **Install Printer Driver** on the menu screen.

Note

Choose the **Install Printer Driver** icon for your region.

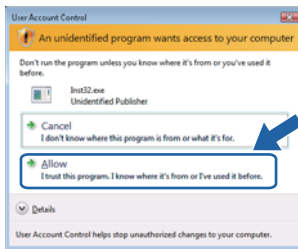


- e** Click **Wireless Network users**.





Note
For Windows Vista®, when the **User Account Control** screen appears, click **Allow**.



f Choose **Wireless Setup and Driver Install (Recommended)**, and then click **Next**.

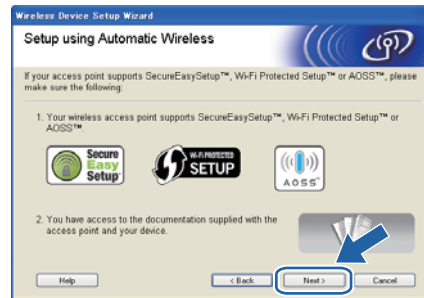


g Choose **Automatic install (Advanced)** and click **Next**.



h

Confirm the on-screen message and click **Next**.



i

Press any of the Menu buttons (**▲**, **▼**, **OK** or **Back**) of the control panel on your printer.

j

Press **▲** or **▼** to choose **Network**.
Press **OK**.

Network

k

Press **▲** or **▼** to choose **WLAN**.
Press **OK**.

WLAN

l

Press **▲** or **▼** to choose **SES/WPS/AOSS**.
Press **OK**.

SES/WPS/AOSS

m

The printer searches for an access point that supports SecureEasySetup™, Wi-Fi Protected Setup or AOSS™ for 2 minutes.

n

Put your access point in the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or the AOSS™ mode, depending on what is supported by your access point. Please refer to the instruction manual that came with your access point.

o

If the LCD shows **Connected**, the printer has successfully connected to your access point/router. You can now use your printer in a wireless network.

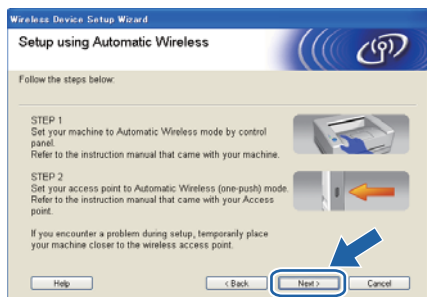
If the LCD shows **Connection Error**, a session overlap has been detected. The printer has detected more than one access point/router on your network with the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or AOSS™ mode enabled. Make sure that only one access point/router has the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or the AOSS™ mode enabled and try starting from **i** again.



If the LCD shows **No Access Point**, the printer has not detected your access point/router on your network with the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or AOSS™ mode enabled. Move the printer closer to your access point/router and try starting from **i** again.

If the LCD shows **Connection Fail**, the printer has not successfully connected to your access point/router. Try starting from **i** again. If the same message is indicated again, reset the print server back to its factory default settings and try again. For resetting, see *Reset the network settings to the factory default* on page 44.

p Click **Next**.



q Check the box after you confirm that you have completed the wireless settings, and then click **Next**.



Install the printer driver

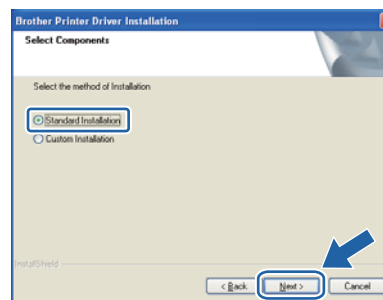
! IMPORTANT

- **DO NOT** try to cancel any of the screens during this installation.
- If your wireless settings fail, an error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, reset the print server back to its factory default settings (see page 44), and please go back to step **d** on page 30 and setup the wireless connection again.

r When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



s Choose **Standard Installation**, and then click **Next**.

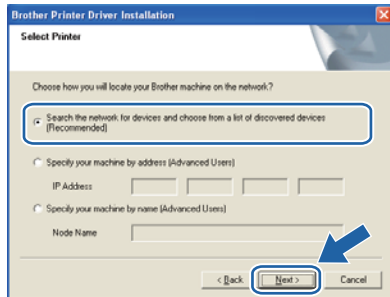


Note

If you want to install the **PS driver** (Brother's **BR-Script Driver**), choose **Custom Installation** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.



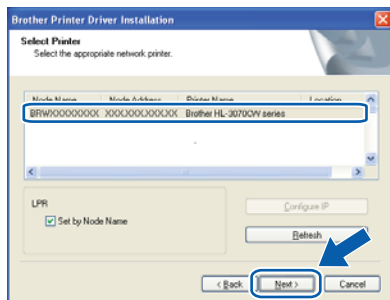
- t** Choose **Search the network for devices and choose from a list of discovered devices (Recommended)**. Or enter your printer's IP Address or its node name. Click **Next**.



Note

You can find your printer's IP Address and the node name by printing out the **Printer Settings Page**. See **Print the Printer Settings Page** on page 44.

- u** Choose your printer, and then click **Next**.



Note

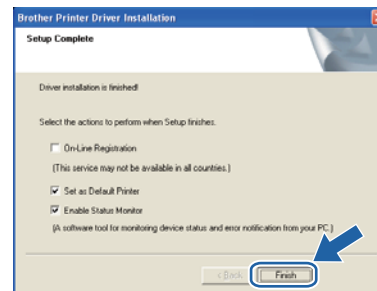
If your printer takes a long time to appear on the list, 1 minute or more, then click **Refresh**. If your printer still fails to appear, reset the print server back to its factory default settings (see page 44) and go back to **d** on page 30 and try the wireless setup again.

- v** Click **Finish**.



Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck **Set as Default Printer**.
- If you want to disabled the Status Monitor, uncheck **Enable Status Monitor**.
- If you disabled your Personal Firewall software (e.g. Windows® Firewall), turn it back on.



Finish

The installation is now complete.



Note

XML Paper Specification Printer Driver

The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.



Configuration in Infrastructure mode, using a network cable temporarily

10 Configure the wireless settings

You must know your wireless network settings before you proceed with this installation. Make sure you take notes on all the current settings such as SSID, authentication and encryption of your wireless network environment. If you do not know them, contact your network administrator or the manufacturer of your access point/router.

Item	Example	Record the current wireless network settings
Communication mode: (Infrastructure)	Infrastructure	
Network name: (SSID, ESSID)	HELLO	
Authentication method: (Open System, Shared key, WPA-PSK ¹ , WPA2-PSK ¹ , LEAP, EAP-FAST)	WPA2-PSK	
Encryption mode: (None, WEP, TKIP, AES, CKIP)	AES	
Network key: (Encryption key, WEP key ² , Passphrase)	12345678	

¹ WPA/WPA2-PSK is a Wi-Fi Protected Access Pre-Shared Key, which lets the Brother wireless machine associate with access points using TKIP or AES encryption (WPA-Personal). WPA-PSK (TKIP or AES) and WPA2-PSK (AES) use a Pre-Shared Key (PSK) that is 8 or more characters in length, up to a maximum of 63 characters.

² The WEP key is for 64-bit encrypted networks or 128-bit encrypted networks and can contain both numbers and letters. If you do not know this information you should see the documentation provided with your access point or wireless router. This key is a 64-bit or 128-bit value that must be entered in an ASCII or HEXADECIMAL format.

For example:

64-bit ASCII:	Uses 5 text characters e.g. "Hello" (this is case sensitive)
64-bit Hexadecimal:	Uses 10 digits of hexadecimal data e.g. "71f2234aba"
128-bit ASCII:	Uses 13 text characters e.g. "Wirelesscomms" (this is case sensitive)
128-bit Hexadecimal:	Uses 26 digits of hexadecimal data e.g. "71f2234ab56cd709e5412aa3ba"

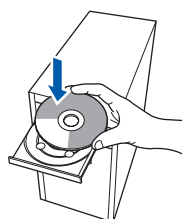
! IMPORTANT

You need to temporarily use an Ethernet cable during configuration. (cable not included)

a Make sure the printer power switch is on.



b Turn on your Macintosh. Put the supplied CD-ROM into your CD-ROM drive.



c Double-click the **HL3000** icon on your desktop. Double-click the **Start Here** icon. Follow the on-screen instructions.





- d** Click **Install Printer Driver** on the menu screen.



- e** Click **Wireless Network users**.



- f** Choose **Wireless Setup and Driver Install (Recommended)**, and then click **Next**.



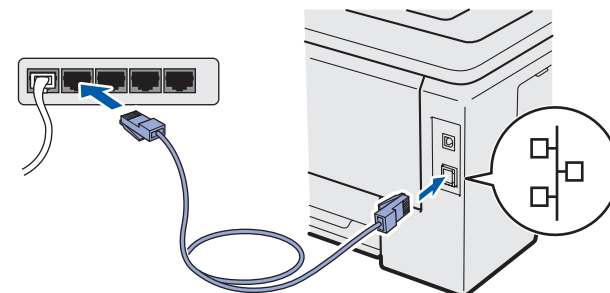
- g** Choose **Step by Step install (Recommended)** and then click **Next**.



- h** Choose **With cable (Recommended)** and then click **Next**.



- i** Connect the Brother printer to you access point using a network cable and click **Next**.



- j** Choose the printer you wish to configure, and click **Next**. If the list is blank, check if the access point and the printer are powered on, and then click **Refresh**.

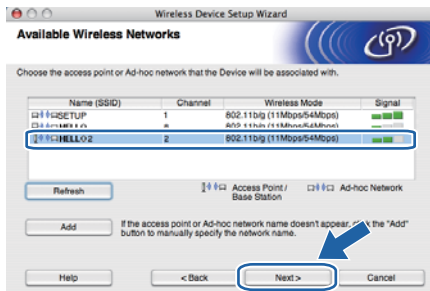


Note

- The default Node name is "BRNxxxxxxxxxxxx".
- You can find your printer's MAC Address (Ethernet Address) and the IP Address by printing out the Printer Settings Page. See Print the Printer Settings Page on page 44.

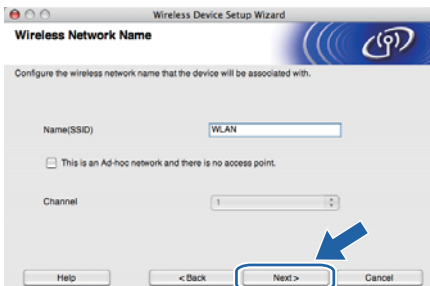


- k** The wizard will search for wireless networks available from your printer. Choose the access point you wish to associate the printer with, and then click **Next**.

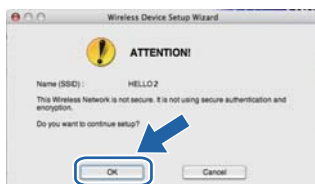


Note

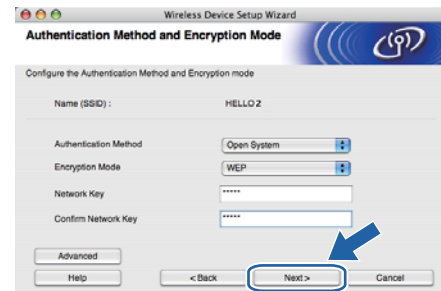
- **SETUP** is the default SSID of the printer. Do not choose this SSID.
- If the list is blank, check that the access point has power and is broadcasting the SSID, and then see if the printer and the access point are within range for wireless communication. Then, click **Refresh**.
- If your access point is set to not broadcast the SSID you can manually add it by clicking the **Add** button. Follow the on-screen instructions for entering the **Name (SSID)**, and then click **Next**.



If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click **OK** and go to **n**.



- m** If your network is configured for Authentication and Encryption, the following screen will appear. **When configuring your Brother wireless printer, you must configure your printer to match the Authentication and Encryption settings you wrote down on page 34 for your existing wireless network.** Choose the **Authentication Method** and **Encryption Mode** from the pull-downs in each setting box. Then enter the **Network key** and **Confirm Network Key**, and then click **Next**.

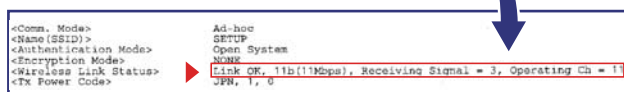


Note

- If you want to setup or configure additional WEP key indexes other than WEP key1, click **Advanced**.
- If you do not know the Authentication or Encryption settings for your network, contact your network administrator or the manufacture of your access point/router.
- If you are using WEP and the printed Network Configuration page in **n** shows **Link OK** in the **Wireless Link Status**, but the printer is not found on your network, make sure you entered the WEP key correctly. The WEP key is case sensitive.



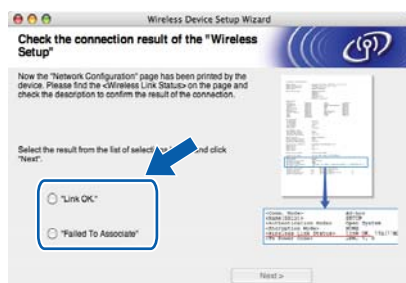
- n** Click **Next**. The settings will be sent to your printer. The settings will remain unchanged if you click **Cancel**. The Network Configuration page will be printed.



Note

- If you want to manually enter the IP Address settings of your printer, click **Change IP Address** and enter the necessary IP Address settings for your network.
- The control panel settings will be automatically changed to **WLAN Enable** when the wireless settings are sent to your printer.

- o** Check the printed Network Configuration page. Choose the status as it is shown for the **Wireless Link Status** on the Network Configuration page. Click **Next**. If your status is **Link OK**, go to **q**. If your status is **Failed to Associate**, go to **p**.



- p** Click **Finish**. Wireless setup was unable to associate with a wireless network. This is probably due to incorrect security settings. Reset the print server back to its factory default settings (see page 44). Confirm the security setting of your wireless network that you wrote down on page 34 and try starting from **d** on page 35 again.



- q** Disconnect the network cable between your access point (hub or router) and the printer, and click **Next**.



Install the printer driver

! IMPORTANT

- DO NOT** try to cancel any of the screens during this installation.
- If your wireless settings fail, an error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, reset the print server back to its factory default settings (see page 44), and please go back to step **d** on page 35 and setup the wireless connection again.

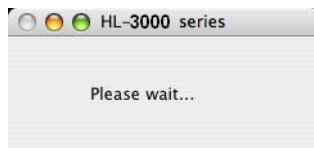
- r** The driver installation starts. Follow the on-screen instructions. Then, restart your Macintosh.

Note

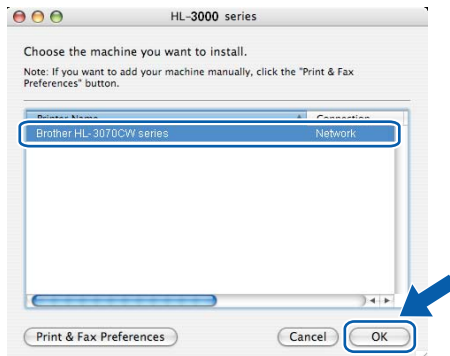
Please see the User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).



- S** The Brother software will search for the Brother printer. During this time the following screen will appear.



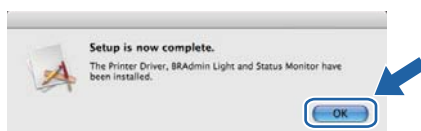
- t** Choose the printer you wish to connect, and then click **OK**.



Note

- If there is more than one of the same printer model connected on your network, the MAC Address (Ethernet Address) will be displayed after the model name.
- You can find your printer's MAC Address (Ethernet Address) and the IP Address by printing out the Printer Settings Page. See Print the Printer Settings Page on page 44.
- If your printer fails to appear on the list, reset the print server back to its factory default settings (See Reset the network settings to the factory default on page 44) and go back to **d** on page 35 and try the wireless setup again.

- U** When this screen appears, click **OK**.



Finish

The installation is now complete.



Configuration in the Infrastructure mode using SES/WPS or AOSS from the control panel menu

10 Configure the wireless settings

If your wireless access point/router supports either SecureEasySetup™, Wi-Fi Protected Setup (WPS¹) or AOSS™, you can configure the printer easily without knowing your wireless network settings. Your printer has the SES/WPS/AOSS menu on the control panel. This feature automatically detects which mode your access point uses, SecureEasySetup™, Wi-Fi Protected Setup or AOSS™. By pushing a button on the wireless access point/router, you can setup the wireless network and security settings. See the user's guide for your wireless access point/router for instructions on how to access one-push mode.

¹ Push Button Configuration

Note

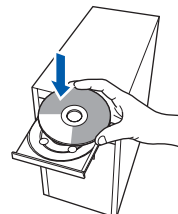
Access points or routers that support SecureEasySetup™, Wi-Fi Protected Setup or AOSS™ have the symbols shown below.



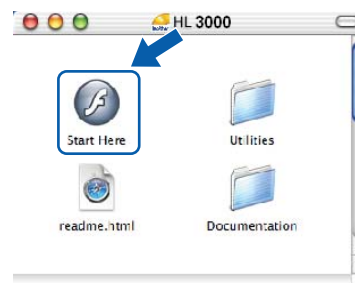
a Make sure the printer power switch is on.



b Turn on your Macintosh. Put the supplied CD-ROM into your CD-ROM drive.



c Double-click the **HL3000** icon on your desktop. Double-click the **Start Here** icon. Follow the on-screen instructions.



d Click **Install Printer Driver** on the menu screen.



e Click **Wireless Network users**.





- f** Choose **Wireless Setup and Driver Install (Recommended)**, and then click **Next**.



- g** Choose **Automatic install (Advanced)** and click **Next**.



- h** Confirm the on-screen message and click **Next**.



- i** Press any of the Menu buttons (**▲**, **▼**, **OK** or **Back**) of the control panel on your printer.

- j** Press **▲** or **▼** to choose **Network**. Press **OK**.

Network

- k** Press **▲** or **▼** to choose **WLAN**. Press **OK**.

WLAN

- l** Press **▲** or **▼** to choose **SES/WPS/AOSS**. Press **OK**.

SES/WPS/AOSS

- m** The printer searches for an access point that supports SecureEasySetup™, Wi-Fi Protected Setup or AOSS™ for 2 minutes.

- n** Put your access point in the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or the AOSS™ mode, depending on what is supported by your access point. Please refer to the instruction manual that came with your access point.

- o** If the LCD shows **Connected**, the printer has successfully connected to your access point/router. You can now use your printer in a wireless network.

If the LCD shows **Connection Error**, a session overlap has been detected. The printer has detected more than one access point/router on your network with the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or AOSS™ mode enabled. Make sure that only one access point/router has the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or the AOSS™ mode enabled and try starting from **i** again.

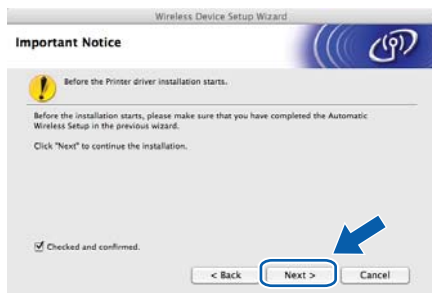
If the LCD shows **No Access Point**, the printer has not detected your access point/router on your network with the SecureEasySetup™ mode, the Wi-Fi Protected Setup mode or AOSS™ mode enabled. Move the printer closer to your access point/router and try starting from **i** again.

If the LCD shows **Connection Fail**, the printer has not successfully connected to your access point/router. Try starting from **i** again. If the same message is indicated again, reset the print server back to its factory default settings and try again. For resetting, see *Reset the network settings to the factory default* on page 44.

- p** Click **Next**.



- q** Check the box after you confirm that you have completed the wireless settings, and then click **Next**.



Install the printer driver

! IMPORTANT

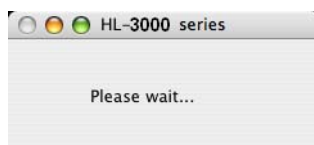
- **DO NOT** try to cancel any of the screens during this installation.
- If your wireless settings fail, an error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, reset the print server back to its factory default settings (see page 44), and please go back to step **d** on page 39 and setup the wireless connection again.

- r** The driver installation starts. Follow the on-screen instructions. Then, restart your Macintosh.

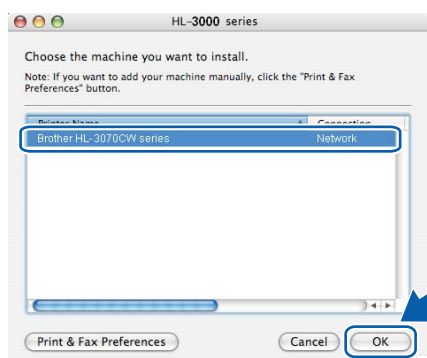
Note

Please see the User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).

- s** The Brother software will search for the Brother printer. During this time the following screen will appear.



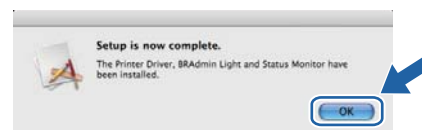
- t** Choose the printer you wish to connect, and then click **OK**.



Note

- If there is more than one of the same printer model connected on your network, the MAC Address (Ethernet Address) will be displayed after the model name. You can also confirm your IP Address by scrolling to the right.
- You can find your printer's MAC Address (Ethernet Address) and the IP Address by printing out the Printer Settings Page. See Print the Printer Settings Page on page 44.

- u** When this screen appears, click **OK**.



Finish

The installation is now complete.

BRAdmin Light utility (For Windows® users)

The BRAdmin Light is a utility for initial setup of Brother network connected devices. It can also search for Brother products in a TCP/IP environment, view the status and configure basic network settings, such as IP Address. For more information on BRAdmin Light, visit us at <http://solutions.brother.com/>.

Note

- If you require more advanced printer management, use the latest Brother BRAdmin Professional utility that is available as a download from <http://solutions.brother.com/>.
- If you are using Windows® Firewall or a firewall function of anti-spyware or antivirus applications, temporarily disable them. Once you are sure that you can print, configure the software settings following the instructions.

Install the BRAdmin Light configuration utility

Note

The default password for the print server is 'access'. You can use BRAdmin Light to change this password.

- a** Click **Install Other Drivers or Utilities** on the menu screen.

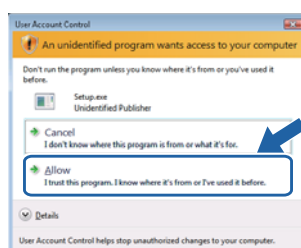


- b** Click **BRAdmin Light** and follow the on-screen instructions.



Note

For Windows Vista®, when the **User Account Control** screen appears, click **Allow**.

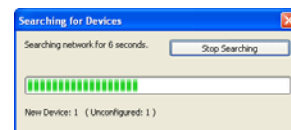


Set your IP Address, Subnet Mask and Gateway using BRAdmin Light

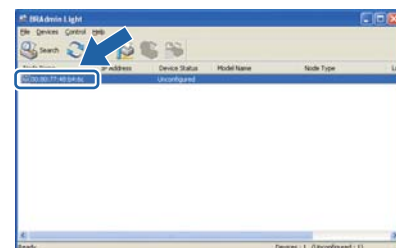
Note

If you have a DHCP/BOOTP/RARP server in your network, you don't have to do the following operation. Because the print server will automatically obtain its IP Address.

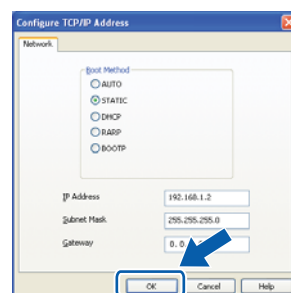
- a** Start BRAdmin Light. It will search for new devices automatically.



- b** Double-click the unconfigured device.



- c** Choose **STATIC** for the **Boot Method**. Enter the **IP Address**, **Subnet Mask** and **Gateway**, and then click **OK**.



- d** The address information will be saved to the printer.

BRAdmin Light utility (For Mac OS X users)

The BRAdmin Light is a utility for initial setup of Brother network connected devices. It can also search for Brother products on your network, view the status and configure basic network settings, such as IP Address from a computer running Mac OS X 10.3.9 or greater.

The BRAdmin Light software will be installed automatically when you install the printer driver. If you have already installed the printer driver, you don't have to install it again. For more information on BRAdmin Light, visit us at <http://solutions.brother.com/>.

Set your IP Address, Subnet Mask and Gateway using BRAdmin Light

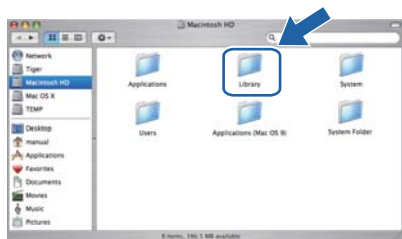
Note

- If you have a DHCP/BOOTP/RARP server in your network, you don't have to do the following operation. The print server will automatically obtain its own IP Address.
- Make sure that version 1.4.2 or later of Java client software is installed on your computer.
- The default password for the print server is 'access'. You can use BRAdmin Light to change this password.

- a** Double-click the **Macintosh HD** icon on your desktop.



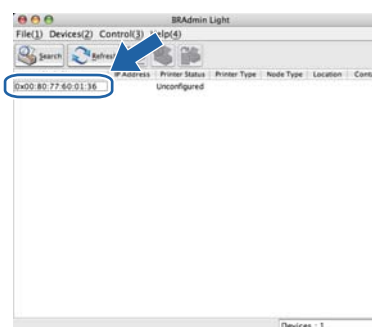
- b** Choose **Library**, **Printers**, **Brother** and then **Utilities**.



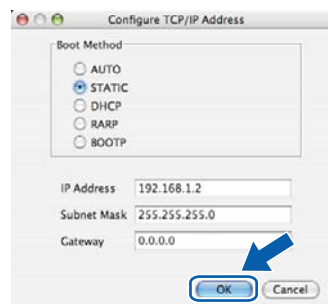
- c** Double click the file **BRAdmin Light.jar** and run the software. BRAdmin Light will then search for new devices automatically.



- d** Double-click the unconfigured device.



- e** Choose **STATIC** for the **Boot Method**. Enter the **IP Address**, **Subnet Mask** and **Gateway**, and then click **OK**.



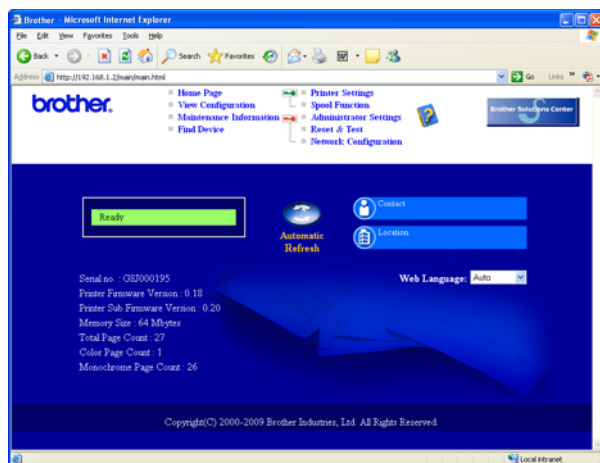
- f** The address information will be saved to the printer.

Web Based Management (web browser)

The Brother print server is equipped with a web server that allows you to monitor its status or change some of its configuration settings, using HTTP (Hyper Text Transfer Protocol).

Note

- The login name for the Administrator is '**admin**' (case sensitive) and the default password is '**access**'.
- We recommend Microsoft® Internet Explorer® 6.0 (or greater) or Firefox 1.0 (or greater) for Windows® and Safari 1.3 (or greater) for Macintosh. Please also make sure that JavaScript and Cookies are always enabled in whichever browser you use. To use a web browser, you will need to know the IP Address of the print server. The IP Address of the print server is listed on the Printer Setting Page.



- a** Type `http://printer_ip_address/` into your browser.
(Where `printer_ip_address` is the IP Address or the print server name)

■ For example: `http://192.168.1.2/`



See Chapter 10 of the Network User's Guide.

Reset the network settings to the factory default

To reset all network settings of the print server to its factory default, follow the steps below.

- a** Press the + or - to choose `Network`.
Press **OK**.

`Network`

- b** Press the + or - to choose `Factory Reset`.
Press **OK**.

`Factory Reset`

- c** Press **OK** again.

`Restart Printer?`

Print the Printer Settings Page

The Printer Settings Page lists all the current printer settings, including network settings. To print the printer settings page:

- a** Press the + or - to choose `Machine Info..`.
Press **OK**.

`Machine Info..`

- b** Press **OK** again.

`Print Settings`

- c** Press **OK** again to print the Printer Settings Page.



Note

If the **IP Address** on the Printer Settings Page shows **0.0.0.0**, wait for one minute and try again.

Safety precautions

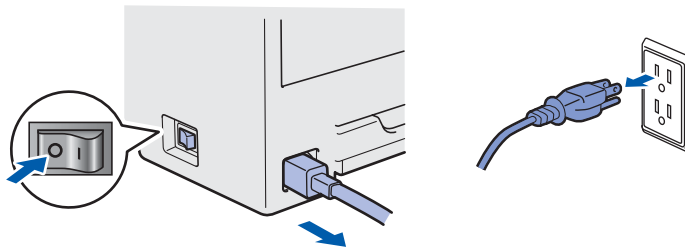
To use the printer safely

If you DO NOT follow these safety instructions, there is a possibility of a fire, electrical shock, burn or suffocation. Please keep these instructions for later reference and read them before attempting any maintenance.

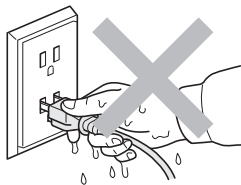
WARNING



There are high voltage electrodes inside the printer. Before you clean the inside of the printer, make sure that you have turned off the power switch and unplugged the printer from the AC power outlet.



DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.



Always make sure the plug is fully inserted.

Plastic bags are used in the packaging. To avoid danger of suffocation, keep these bags away from babies and children.

DO NOT use flammable substances, any type of spray or any organic solvent/liquids containing alcohol or ammonia to clean the inside or outside of the printer. Doing this may cause a fire or electrical shock. Refer to *Chapter 6* of the *User's Guide* for how to clean the printer.



DO NOT use a vacuum cleaner to clean up scattered toner. Doing this might cause the toner dust to ignite inside the vacuum cleaner, potentially starting a fire. Carefully clean the toner dust with a dry, lint-free cloth and dispose of it according to local regulations.

Cleaning the outside of the printer:

- Make sure that you have unplugged the printer from the AC power outlet.
- Use neutral detergents. Cleaning with volatile liquids such as thinner or benzene will damage the outside surface of the printer.
- DO NOT use cleaning materials that contain ammonia.

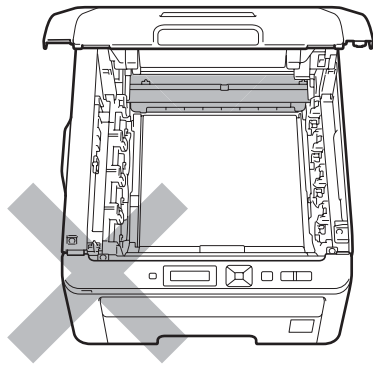
Other Information

CAUTION

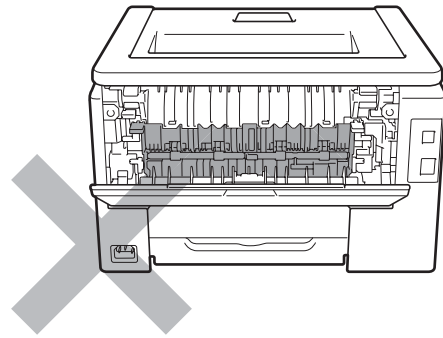
Lightning and power surges can damage this product! We recommend that you use a quality surge protection device on the AC power outlet, or unplug the cords during a lightning storm.



After you have just used the printer, some internal parts of the printer will be extremely hot. When you open the top or back cover (back output tray) of the printer, DO NOT touch the shaded parts shown in the illustration.



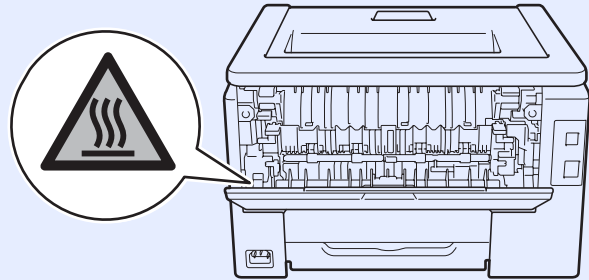
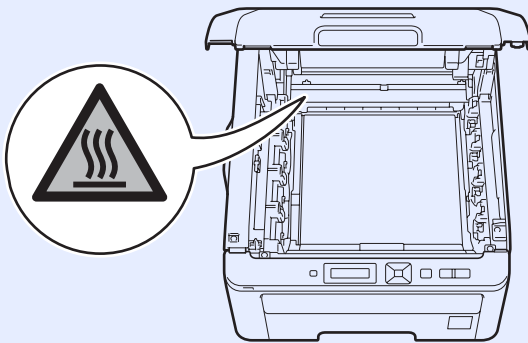
Inside the printer
(Front View)



Inside the printer
(Back View)

IMPORTANT

DO NOT remove or damage the caution labels located on or around the fuser.



Regulations

Federal Communications Commission (FCC) Declaration of Conformity (USA only)

Responsible Party: Brother International Corporation
100 Somerset Corporate Boulevard
Bridgewater, NJ 08807-0911
USA
Telephone: (908) 704-1700

declares, that the products

Product name: Color Printer HL-3070CW
Model number: HL-30C

comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Call the dealer or an experienced radio/TV technician for help.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Important

Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

Important - about the interface cable

A shielded interface cable should be used in order to ensure compliance with the limits for a Class B digital device.

Radio interference

This product complies with EN55022 (CISPR Publication 22)/Class B.

Industry Canada Compliance Statement (For Canada only)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

EC Declaration of Conformity (For EU only)

brother

EC Declaration of Conformity

Manufacturer
Brother Industries Ltd.
15-1, Naeshiro-cho, Mizuho-ku, Nagoya 467-8561 Japan

Plant
Brother Technology (Shenzhen) Ltd.,
NO6 Gold Garden Ind. Nanling Buji, Longgang, Shenzhen, China

Herewith declare that:

Product description : Color Printer
Product Name : HL-3070CW
Model Number : HL-30C

is in conformity with provisions of the R & TTE Directive (1999/5/EC) and we declare compliance with the following standards:

Harmonized standards applied:


Safety	EN60950-1:2006
EMC	EN55022:2006 Class B EN55024:1998 + A1:2001 + A2:2003 EN61000-3-2:2006 EN61000-3-3:1995 + A1:2001 + A2:2005
Radio	EN301 489-1 V1.6.1 EN301 489-17 V1.2.1 EN300 328 V1.7.1

Year in which CE marking was first affixed: 2008

Issued by : Brother Industries, Ltd.

Date : 10th September, 2008

Place : Nagoya, Japan

Signature : 
Junji Shiota
General Manager
Quality Management Dept.

International ENERGY STAR® Compliance Statement

The purpose of the International ENERGY STAR® Program is to promote the development and popularization of energy-efficient office equipment.

As an ENERGY STAR® Partner, Brother Industries, Ltd. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Disconnect device

This product must be installed near an AC power outlet that is easily accessible. In case of emergencies, you must disconnect the power cord from the AC power outlet to shut off power completely.

EU Directive 2002/96/EC and EN50419



European
Union only

This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment you must dispose of it separately at an appropriate collection point and not place it in the normal domestic unsorted waste stream. This will benefit the environment for all.

IMPORTANT - For Your Safety

To ensure safe operation, the supplied three-pin plug must be inserted only into a standard three-pin power outlet that is properly grounded through the normal household wiring.

Extension cords used with this printer must be three-pin plug type and correctly wired to provide proper grounding. Incorrectly wired extension cords may cause personal injury and equipment damage.

The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, call a qualified electrician.

This product should be connected to an AC power source within the range indicated on the rating label. DO NOT connect it to a DC power source. If you are not sure, contact a qualified electrician.

LAN connection



CAUTION

DO NOT connect this product to a LAN connection that is subject to over-voltages.

Wiring information (UK only)

If you need to replace the plug fuse, fit a fuse that is approved by ASTA to BS1362 with the same rating as the original fuse.

Always replace the fuse cover. Never use a plug that does not have a cover. If in any doubt, call a qualified electrician.

Warning - This printer must be earthed.

The wires in the mains lead are coloured in line with the following code:

Green and Yellow:	Earth
Blue:	Neutral
Brown:	Live

Other Information

Shipment of the printer

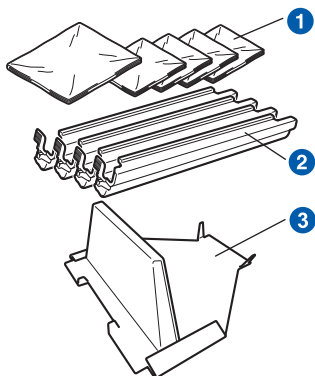
If for any reason you must ship your printer, carefully package the printer to avoid any damage during transit. We recommend that you save and use the original packaging. The printer should also be adequately insured with the carrier.

CAUTION

When shipping the printer, the DRUM UNIT, TONER CARTRIDGE assemblies and WASTE TONER BOX must be removed from the printer and put in a plastic bag. Failure to remove these items and put them in a plastic bags before shipping may cause severe damage to the printer and may VOID THE WARRANTY.

Repacking Instructions

Make sure that you have the following parts for repacking.

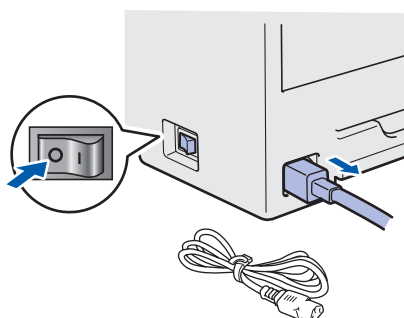


- ① Plastic bags – to be supplied by you, the user; one for the waste toner box, and one each for the four drum and toner cartridge assemblies
- ② Protective covers that the original drum and toner cartridge assembly came with
- ③ Packing material for locking the belt unit

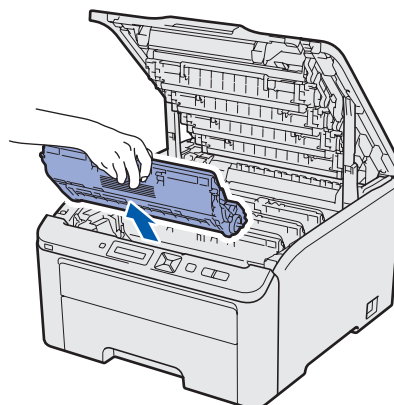
WARNING

This printer is heavy and weights approximately 41.9 lb. (19.0 kg). To prevent injuries use at least two people to lift the printer. Be careful not to pinch your fingers when you put the printer back down.

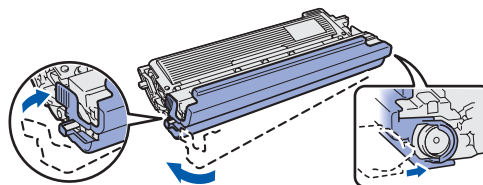
- a** Turn off the printer power switch, and then unplug the AC power cord.



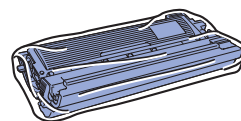
- b** Fully open the top cover and take out all the drum unit and toner cartridge assemblies.



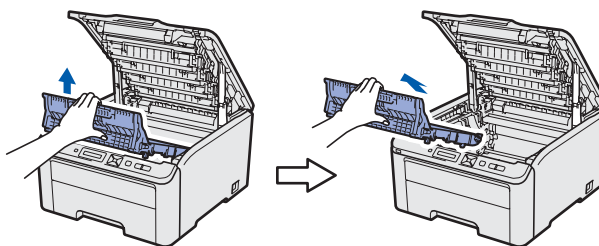
Attach the protective cover to each of the drum unit and toner cartridge assemblies.



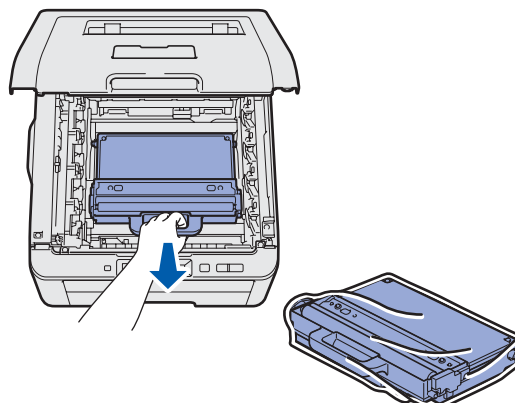
Put each assembly into a plastic bag and completely seal each bag.



- c** Remove the belt unit by holding the green handle and lifting the belt unit up and out of the printer.

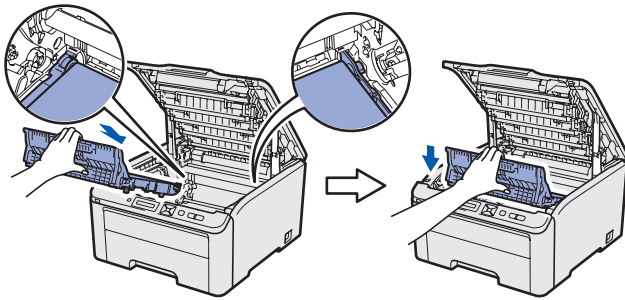


- d** Remove the waste toner box from the printer, and then put it in a plastic bag and seal the bag completely.

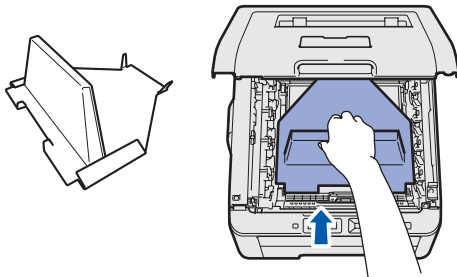


Other Information

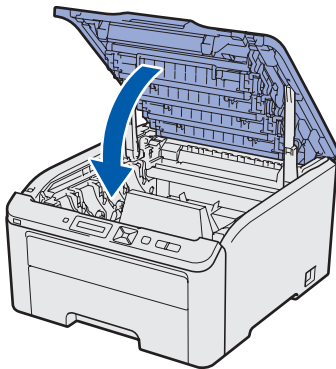
- e** Reinstall the belt unit back in the printer.



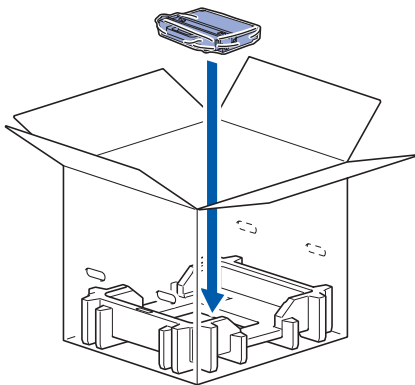
- f** Reinstall the original packing material into the printer.



- g** Close the top cover.

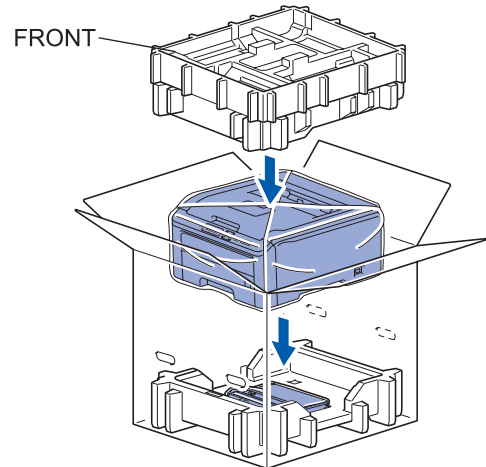


- h** Put the waste toner box in the Styrofoam piece.

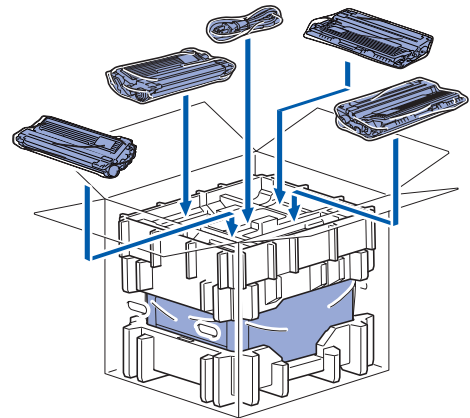


- i** Using two people, place the printer into the plastic bag.

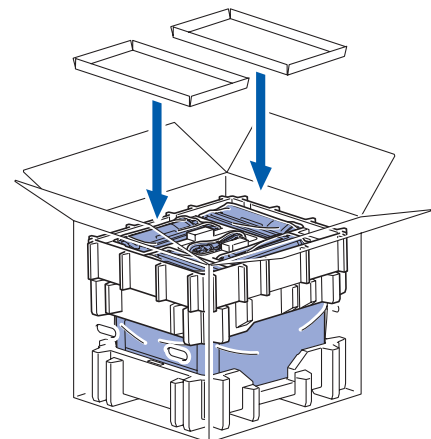
- j** Put the printer and the Styrofoam pieces into the carton. Match the front side of the printer to the "FRONT" mark on the Styrofoam pieces. Put the Styrofoam piece for the drum unit and toner cartridge assemblies on the top of the printer.



- k** Put the power cord, drum unit and toner cartridge assemblies into the Styrofoam piece as shown in the illustration.



- l** Put the two carton trays on the top.



- m** Close the carton and tape it shut.

Supplied CD-ROM

You can find a variety of information on the CD-ROM.

Windows®



Install Printer Driver

Install the printer driver.



Install Other Drivers or Utilities

Install optional drivers, utilities and Network management tools.



Documentation

View the Printer User's Guide and Network User's Guide in HTML format.

You can also view the manuals in PDF format by accessing the Brother Solutions Center.

The User's Guide and Network User's Guide in HTML format will be installed automatically when you install the driver. Click **Start, All Programs**¹, your printer, and then **User's Guide in HTML format**. If you do not want to install the User's Guide, choose **Custom setup** from **Install Printer Driver**, and uncheck **User's Guides in HTML format** when you install the driver.

¹ Programs for Windows® 2000 users



Brother Solutions Center

The Brother Solutions Center (<http://solutions.brother.com/>) is a one-stop resource for all your printer support needs. Download the latest drivers and utilities for your printer, read FAQs and troubleshooting tips, or learn about printer solutions.



On-Line Registration

Register your product on-line.



Supplies Information

Visit our web site for original/genuine Brother supplies at <http://www.brother.com/original/>



Note

For visually impaired users, we have prepared an HTML file on the supplied CD-ROM: readme.html. This file can be read by Screen Reader 'text-to-speech' software.

Macintosh



Install Printer Driver

Install the printer driver.



Documentation

View the Printer User's Guide in HTML format.

You can also view the User's Guide in PDF format by accessing the Brother Solutions Center.



Brother Solutions Center

The Brother Solutions Center (<http://solutions.brother.com/>) is a one-stop resource for all your printer support needs. Download the latest drivers and utilities for your printer, read FAQs and troubleshooting tips, or learn about printer solutions.



On-Line Registration

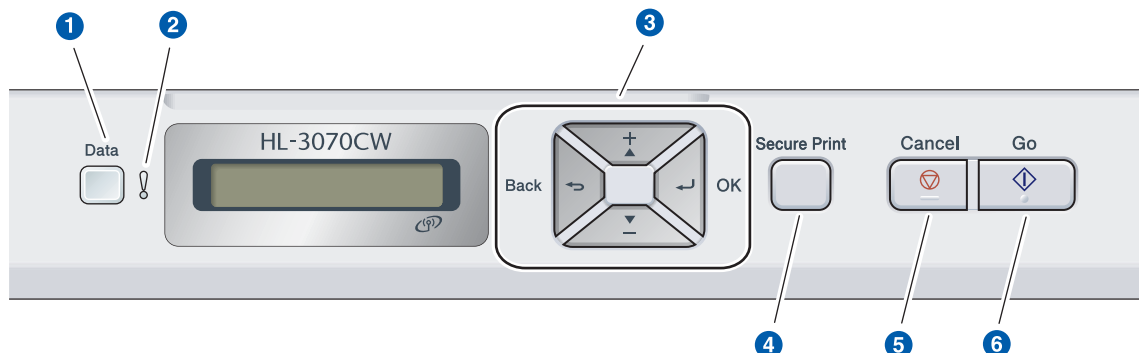
Register your product on-line.



Supplies Information

Visit our web site for original/genuine Brother supplies at <http://www.brother.com/original/>

Control panel



1 Data LED

On: Data is in the printer memory.
Blinking: Receiving / processing data.
Off: No remaining data in the memory.

2 Error LED

Blinking: There is a problem with the printer.
Off: There is no problem with the printer.

3 Menu buttons

+: Scroll forward through menus and the available options.

-: Scroll backward through menus and the available options.

OK: Choose the control panel menu. Set the chosen menu and settings.

Back: Go back one level in the menu structure.

4 Secure Print button

Prints data saved in memory when you enter your four-digit password.

5 Cancel button

Stops and Cancels the printer operation in progress.

6 Go button

Pause and continue printing / Error recovery / Reprint



For the details of the control panel, see chapter 3 of the User's Guide on the CD-ROM.

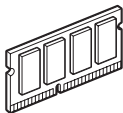
Options and Consumables

Option

The printer has the following optional accessory. You can expand the capabilities of the printer by adding this item. For more information about the compatible SO-DIMM Memory, visit us at <http://solutions.brother.com/>.



For installing the SO-DIMM Memory, see Chapter 4 of the User's Guide on the CD-ROM.

SO-DIMM Memory
You can expand the memory by installing a (144-pin SO-DIMM) memory module.


Consumables

Please prepare a new consumable item for replacement when the following messages appear on the LCD.

Toner Low

Drums End Soon

Belt End Soon

WT Box End Soon

When the time comes to replace consumable items, the following messages will appear on the LCD.

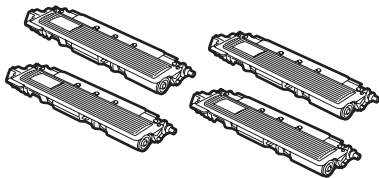
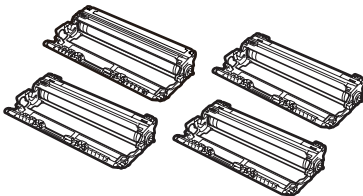
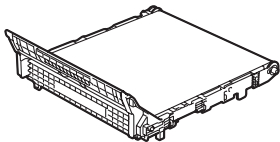
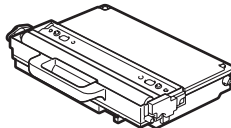
Replace Toner

Replace Drums

Replace Belt

Replace WT Box

When the time comes to replace consumable items, an error will be indicated by the LCD on the control panel. For more information about the consumables for your printer, visit us at <http://www.brother.com/original/> or contact your local Brother reseller.

Toner cartridges	Drum units
	
Belt Unit (BU-200CL)	Waste Toner Box (WT-200CL)
	



For replacing the consumable items, see Chapter 5 of the User's Guide on the CD-ROM.

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